MINISTRY OF TRANSPORT

STATISTICAL PAPER No. 6

SURVEY OF ROAD GOODS TRANSPORT 1962

FINAL RESULTS

GEOGRAPHICAL ANALYSIS

LONDON: HER MAJESTY'S STATIONERY OFFICE
1966

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FOREWORD

The present publication is the last in the series of reports on the Survey of Road Goods Transport 1962. Three previous booklets have been published by Her Majesty's Stationery Office: the first, Part I of the final results of the survey, gave detailed information about the goods vehicle fleet in 1962 and the total work it performed; the second, Part II, included an analysis of the commodities moved by road transport; the third Part contained a methodological report on the survey. The present book forms Part IV of the final results and provides information on the flows of goods by road within Great Britain.

Some provisional figures for the geographical analysis were issued in 1965, but those estimates were preliminary figures based on the returns for only one of the survey weeks; they are now superseded by the present, final, estimates based on the full results of the survey.

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For each Region the following information is given:-

Map showing main flows by road within region and between the region and other parts of Great Britain in 1962
Summary table of transport by road within region, out of region and into region during 1962
Estimated transport within region, analysed by length of haul
Estimated tonnage moved within region, analysed by commodity
Estimated transport outwards, analysed by region of destination
Estimated tonnage outwards, analysed by destination and length of haul
Estimated tonnage outwards, analysed by commodity
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Estimated tonnage inwards, analysed by origin and length of haul
Estimated tonnage inwards, analysed by commodity

The regions are as follows:-

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Region 2	East and West Ridings ...	27	28
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Region 4	Eastern ...	41	42
Region 5	London and South Eastern ...	48	49
Region 6	Southern ...	55	56
Region 7	South Western ...	62	63
Region 8	Wales ...	69	70
Region 9	Midland ...	76	77
Region 10	North Western ...	83	84
Region 11	Scotland ...	90	91

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INTRODUCTION

The geographical analyses given in this booklet are based on data obtained from the Survey of Road Goods Transport 1962. During the survey the movements of some 40,000 vehicles on nearly 700,000 journeys were recorded and from information on points of origin and destination of each journey, the present geographical analyses have been compiled.

Since the Road Goods Transport Survey was based on a sample and not on a complete enumeration, its results are subject to sampling errors. Where extremely detailed analyses are involved so that relatively small quantities (of tonnage, etc.) are estimated, the sampling error tends to be rather large. This is particularly true of much of the geographical data so that caution should be exercised when using these figures. The purpose of many of the tables and maps given in the present booklet is to provide a general indication of the main characteristics of the transport of goods by road within and between parts of Great Britain and to identify the main inter-area flows.

A further qualification concerns journeys by 'C' licensed vehicles of unladen weight not over one ton. During the 1962 survey, only limited data were collected from operators of these vehicles; in particular, operators were not asked to show separately each journey made during the survey period. Thus, no information on origin and destination is available for these vehicles and the total number of journeys and tonnage carried by them were allocated arbitrarily to the transport category "within the region" (or 'zone' as the case may be) using the address at which the vehicle is garaged as the basis of allocation. Because of this the inter-regional flows and inter-zonal flows are understated, but since these vehicles are mainly used for local delivery work, the understatement is probably very slight.

The regions identified in this publication are Scotland, and the ten standard regions of England and Wales as defined by the Registrar-General (Statistical Review of England and Wales, 1961, Part II, refers). For the purposes of compiling sufficiently informative maps of the geographical flows, however, the standard regions have been further analysed into areas or 'zones'. These zones normally follow administrative (i.e., county or urban area) boundaries, but some zones may contain two or more counties (for example in Mid-Wales and North Scotland) while other zones may be sub-divisions of urban areas, for example, London is divided into six zones. Details of the zoning system may be obtained on request from the Statistics Division of the Ministry of Transport. When mapping the movement between zones, flows are normally shown from/to the central points of a zone and any exceptions to this rule are purely for convenience in mapping: no significance should be placed on the *position* within a zone of the starting/ending point for a flow, nor on the *compass direction* of a flow between pairs of zones.

Users of these statistics together with those already published in Parts I and II of the Survey report may occasionally come across apparent discrepancies between figures shown by the present publication and those published in Parts I or II, for example, in the total number of journeys undertaken by road transport, or in the estimates of tons carried by length of haul. These differences arise because of the change in the definition of a journey which was necessary for charting geographical flows. The distinction between end-to-end journey, that is, a straight run with no collecting or delivery point along the route, and an intermediate journey, that is, one which involves setting down and picking up goods at several points during the journey, which was made in the previous results, was dropped when undertaking the geographical analysis. All journeys were counted either as outward runs or inward runs. This presented no difficulty in the case of end-to-end trips, but intermediate journeys had to be divided into two with the furthest point from base being counted as the destination on the outward journey, the remainder of the journey being classified as the inward run (or another journey to a destination other than base, as the case may be).

The first three of the four tables included in the Appendix present an analysis of the commodities carried by road during 1962, according to length of haul. Table A gives information

for road transport as a whole while Tables B and C provide separate figures for public haulage and transport on own account, respectively. The final of the four tables, Table D, gives an analysis for own account transport by industry served and length of haul. These tables are not part of the geographical analysis and they have been included in this publication because they were not available in time for inclusion in Part II of the Survey report.

The tables and maps that follow are to a large extent self-explanatory and detailed comment on the figures is unnecessary. It would be useful, however, to compare the transport, measured in tons, generated by each Region with some characteristics of the Region that are likely to influence the demand for transport, for example, population and numbers employed. This comparison is made in the following table. The differences between the two columns in the ranking order of the regions for amount of transport generated reflect differences between regions in the proportion of numbers employed to total regional population.

Annual tonnage moved by road transport per head of population and per employee in each Region

Tons

Region	Tonnage per head	Tonnage per employee
East and West Ridings	34	76
North Midland	33	79
Midland	33	71
North Western	32	72
Wales	31	86
Eastern	31	67
Scotland	29	70
Northern	28	72
South Western	26	72
Southern	24	52
London and South Eastern	19	43

Note: Tonnage figures include carriage within, into and out of region.

As the above table shows, the differences, after taking sampling errors into consideration, between seven of the eleven regions of Great Britain in tonnage generated per head and per employee, are very small, and a further two regions are not very far removed from the majority in this respect. Only two regions, the South Eastern and Southern, show a marked difference from other regions in their road transport activity per head of the population and per employee.

One reason why the tonnage carried per person living in London and the South East should be so much lower than in the rest of the country is possibly related to the high population densities over much of this region; economies of scale in transport are probably experienced in this area more than in any other region. More probably, however, the main reasons are that the area is exceptional in the high proportion of the population engaged in administrative, professional and other services not producing goods to be moved; and in that it has no major mining, extracting, or other heavy industry, so that its products tend to be light in terms of tonnage. The latter consideration also applies to the Southern Region and probably accounts to a large extent for this region's relatively low figure of tonnage per employee.

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The differences between regions in their industrial make-up is shown more clearly by the analysis of the tonnage generated, by type of commodity, given in Table (iv) on page 17. This shows, for example, that the transport of crude building minerals (sand, gravel, etc.) generated per head of the population in London and the South East is only half of that generated by most other regions and the Southern Region is also below average in this respect. London and the South East is also well below average in the movements of building materials (bricks, cement, etc.) per head, and in the movements by road transport of "other crude materials", coal, and intermediate goods such as chemicals and iron and steel finished and semi-finished products.

The regions with the highest figures of total tonnage moved per head by road transport are the East and West Ridings, North Midlands and Midlands. North Midlands are ranked highest in tonnage per head of coal and coke transported, and East and West Ridings highest in tonnage per head of "other crude materials" (ores, wool, etc.) and second highest for coal and coke and the "chemicals, iron and steel, etc." group. Midlands are highest for this latter group and for "manufactures".

The annual tonnage of foodstuffs carried per head of population is within the range of 5 to 7 tons per annum for all the regions apart from North Western with 7½ tons and Eastern with 9 tons. In crude building minerals too the range is narrow - between 5 and 6½ tons per head except for London and South Eastern with 3 and Wales with 8 tons.

In the "chemicals, iron and steel, etc." group there is a sharp distinction between those areas which generate relatively little of these commodities - the Eastern region, the three regions in the South of England, and Scotland - and the remainder. A similar pattern shows up for coal and coke with only 1 to 2 tons moved per head in the regions in the East and South, while the main coal producing and manufacturing regions generate from 3½ to 6½ tons per head. Since considerable amounts of coal are moved by rail and coastal shipping however, the *overall* pattern of coal and coke movements per head by all forms of transport may be different; this applies also in the case of petroleum products.

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NOTES AND DEFINITIONS

Scope of the 1962 Survey of Road Goods Transport

1. The inquiry, which took the form of a sample survey, covered all vehicles operated under carriers' licences in Great Britain during the survey period. British Road Services' and British Railways' road vehicles are operated under carriers' licences and are therefore included. The survey thus covered all vehicles which are usually regarded as goods vehicles, except farmers' vehicles and government owned vans and lorries, which do not require carriers' licences. Since both the farmers' and government owned vehicles are relatively few in number and predominantly small in size, the effect of their omission on the estimates of work done by road goods transport is very small.

Period Covered

2. The survey covered four separate weeks in the period April 1962 to January 1963. The weeks were: 2nd to 8th April 1962; 2nd to 8th July 1962; 1st to 7th October 1962 and 7th to 13th January 1963.

3. The results obtained for the survey weeks were expanded to provide estimates of work done during 1962. The expansion occurred in two stages. The first stage entailed grossing up the estimate of work done in a survey week into an estimate for the whole month in which the week occurred. The expansion factor used for this purpose was obtained by dividing the total number of weekdays, Saturdays and Sundays (respectively) in the month by the number included in the survey period and compiling a single, weighted, average of the products; the weights used were the estimated proportions of work done on weekdays, Saturday and Sunday. When counting to determine the number of weekdays in a month, public holidays which fell on weekdays were excluded and were counted as Sundays.

4. The second stage was the expansion of the estimate of work done in the month into an estimate for the whole quarter, and since information is available from the traffic counts showing the monthly variation in goods vehicle mileage during 1962, the appropriate grossing up factor could be derived from this source.

5. The sum of the estimates thus obtained for the four quarters yielded an estimate of work done by road transport in the period 1st April 1962 to 31st March 1963. To provide an estimate for the calendar year 1962, the estimate obtained for the first quarter, 1963 was adjusted to a first quarter, 1962 basis according to the change in goods vehicle mileage between the two periods, revealed by the traffic counts.

Method of Conducting the Survey

6. The inquiry was taken under the Statistics of Trade Act, 1947. A separate sample of vehicles was selected for each survey week, and questionnaires were sent by post to the operators of the vehicles selected. The operators were required to make their return by a specified date shortly after the survey week.

7. The questionnaire asked for details of the vehicle and of the work it performed during the survey week. Three versions of the form were used; one version for public haulage vehicles, and two versions for the 'C' licensed vehicles. One of the 'C' licence forms was for vehicles of an unladen weight of over 1 ton, the other, a simplified version, for the smaller vehicles of 1 ton or less. The forms sent to operators of 'C' licence vehicles differed from the one sent to public

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haulage operators in that information was sought from the 'C' licence holder about the nature of his business and the nature of the work performed by his vehicle.

8. The completed forms were subjected to scrutiny and consistency checks before being accepted for processing and inclusion in the results of the inquiry; doubtful entries were queried with the operator.

Symbols and conventions used

The following symbols have been used throughout:

'..' to denote not available

'–' to denote nil or less than half the final digit shown.

In tables where figures have been rounded to the nearest final digit there may be apparent slight discrepancy between the total and the sum of the constituent items.

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SUMMARY DATA

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MAP A

TRANSPORT OF GOODS BY ROAD IN GREAT BRITAIN

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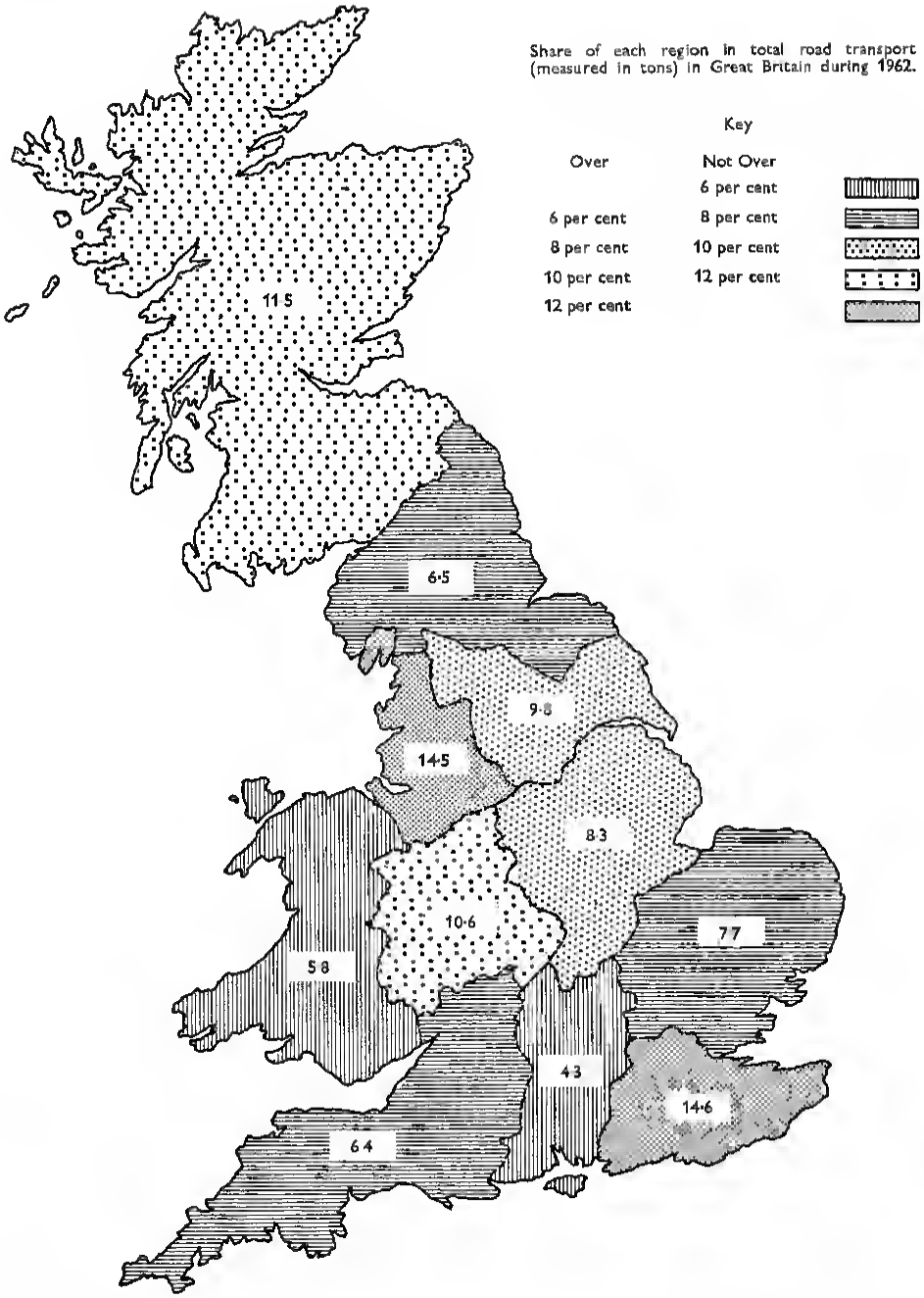
MAP B



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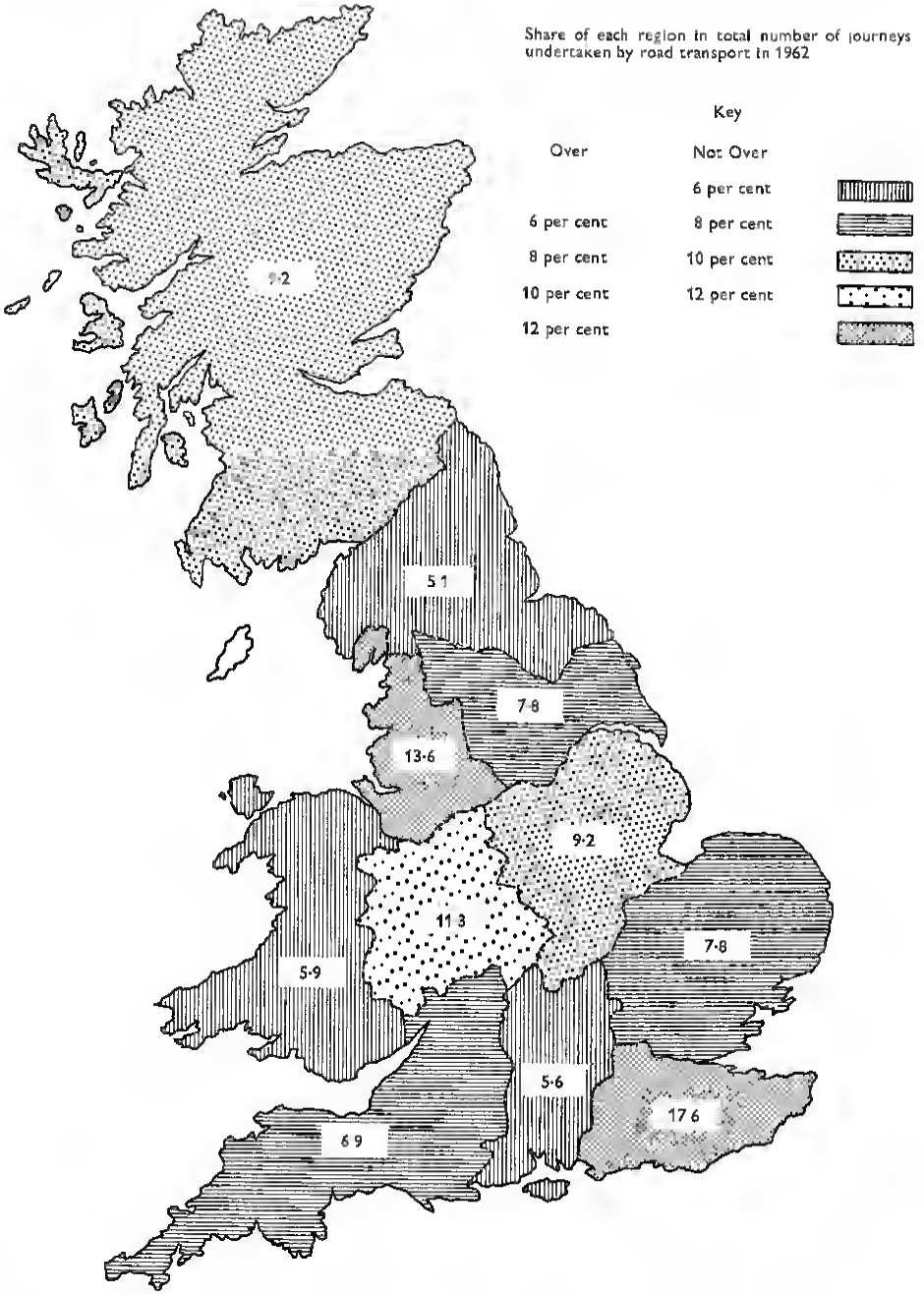
Estimated number of tons carried by road transport in 1962
analysed by region of origin and destination

Table (1)

Thousands

Destination / Origin	Northern	E. & W. Ridings	North Midland	Eastern	London & S. Eastern	Southern	South Western	Wales	Midland	North Western	Scotland	Total
Northern	70,600	3,840	770	420	630	100	220	270	920	1,900	2,080	81,550
E. & W. Ridings	3,860	101,480	5,190	610	1,190	350	250	210	2,050	6,600	450	122,240
North Midland	1,000	6,240	74,720	3,850	3,390	1,090	700	480	7,050	5,050	340	103,910
Eastern	210	620	3,150	71,900	14,160	2,830	600	180	1,730	830	140	96,350
London & S. Eastern	460	1,130	1,620	12,170	151,410	7,660	2,160	780	2,690	1,780	400	182,260
Southern	50	300	630	1,670	6,330	38,420	3,790	290	1,320	420	20	53,240
South Western	100	200	300	480	2,250	2,630	68,700	1,240	2,740	580	30	79,250
Wales	180	280	420	240	1,220	390	1,180	61,320	3,060	4,170	80	72,540
Midland	620	1,460	4,180	1,350	3,040	1,280	2,430	2,760	106,540	7,840	280	131,780
North Western	2,230	6,490	3,120	730	2,510	410	580	2,770	6,910	154,020	1,530	181,300
Scotland	1,410	460	280	80	370	60	70	40	280	1,320	139,190	143,580
Total	80,720	122,300	94,380	93,500	186,500	55,220	80,680	70,340	135,290	184,510	144,540	1,247,980

MAP C



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Estimated number of journeys[1] undertaken by road transport in 1962
analysed by region of origin and destination

Table (11)

Thousands

Destination / Origin	Northern	E. & W. Ridings	North Midland	Eastern	London & S. Eastern	Southern	South Western	Wales	Midland	North Western	Scotland	Total
Northern	54,830	980	140	50	90	10	30	30	120	470	360	57,110
E. & W. Ridings	970	81,530	1,630	100	170	80	30	40	350	1,810	60	86,770
North Midland	150	1,640	96,240	920	560	290	90	80	1,510	860	50	102,390
Eastern	40	110	920	78,830	5,010	640	110	40	300	130	20	86,150
London & S. Eastern	100	200	560	4,740	185,390	2,660	410	140	570	360	50	195,180
Southern	10	110	280	830	2,610	56,790	830	50	280	80	10	61,680
South Western	20	40	90	100	420	830	73,610	290	740	100	10	76,250
Wales	30	40	90	50	150	50	280	83,040	600	820	10	85,160
Midland	120	370	1,520	290	580	280	730	800	118,910	1,730	30	125,180
North Western	470	1,800	840	110	370	80	90	830	1,740	144,490	190	151,010
Scotland	370	80	30	10	80	10	10	10	40	170	101,340	102,130
Total	57,110	86,900	102,340	85,630	195,410	61,720	76,220	85,150	125,160	151,020	102,130	1,108,990

(1) Includes loaded and empty journeys: see Introduction for definition of a journey.

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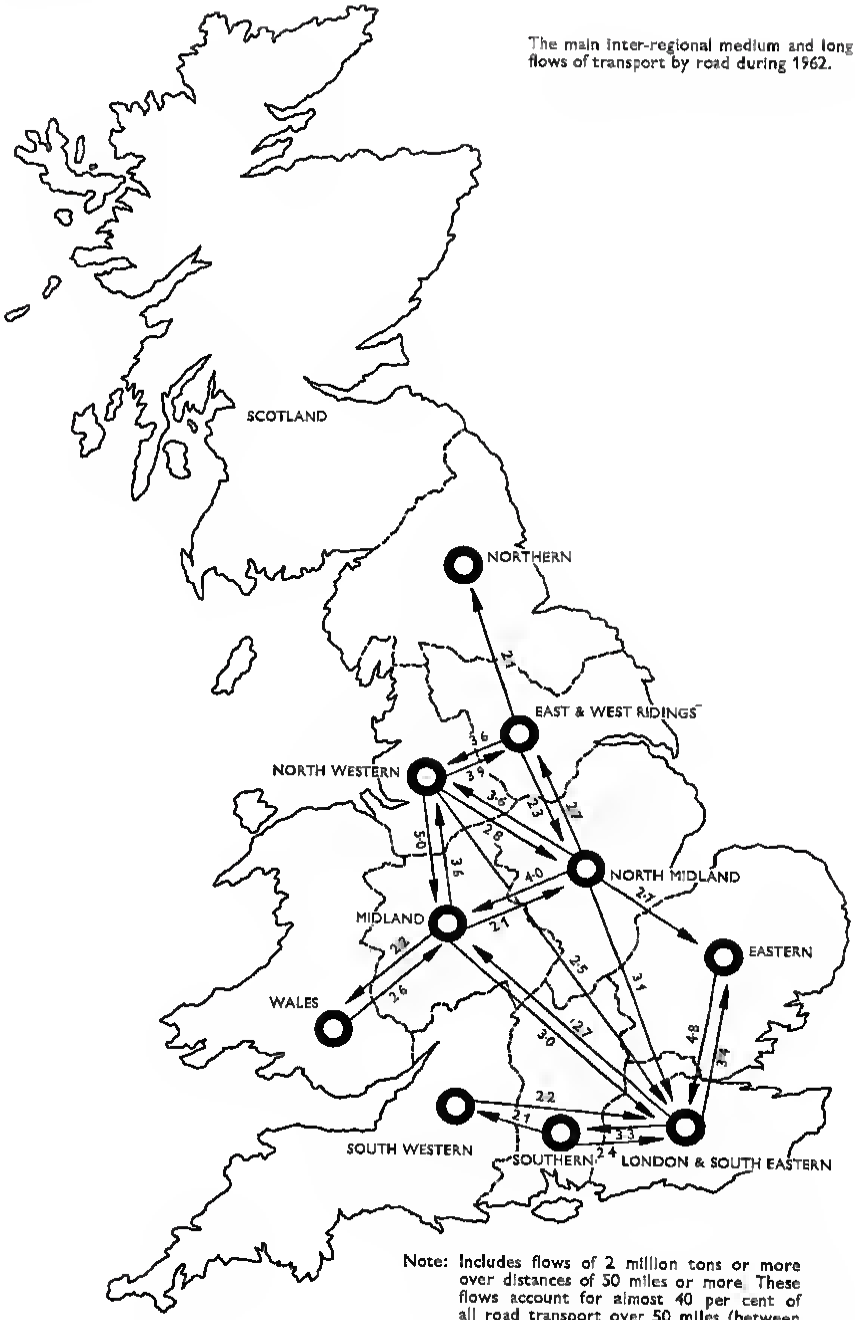
MAP D

The main inter-regional medium and long distance flows of transport by road during 1962.



Note: Includes flows of 2 million tons or more over distances of 50 miles or more. These flows account for almost 40 per cent of all road transport over 50 miles (between and within regions) and 6 per cent of all road transport over all distances.

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Medium and long distance transport* by road
between regions and within regions during 1962

Table (111)

Thousands of tons

Destination / Origin	Northern	E. & W. Ridings	North Midland	Eastern	London & S. Eastern	Southern	South Western	Wales	Midland	North Western	Scotland	Total
Northern	3,260	1,920	770	420	630	100	220	270	920	1,540	1,870	11,920
E. & W. Ridings	2,120	3,120	2,290	610	1,190	350	250	210	1,950	3,560	450	18,100
North Midland	1,000	2,660	5,900	2,680	3,140	680	680	480	3,980	3,640	340	25,400
Eastern	210	620	1,680	5,420	4,810	1,280	540	180	1,710	830	140	17,420
London & S. Eastern	460	1,130	1,570	3,380	6,160	3,290	1,960	780	2,690	1,780	400	23,620
Southern	50	300	320	440	2,370	1,970	2,060	290	1,170	420	20	9,410
South Western	100	200	270	390	2,190	1,730	5,180	760	1,560	580	30	12,970
Wales	180	260	410	240	1,220	390	930	2,690	2,500	1,050	60	9,970
Midland	620	1,310	2,090	1,210	3,040	1,130	1,800	2,210	2,630	3,610	280	19,930
North Western	1,860	3,880	2,760	730	2,510	410	580	1,690	5,030	5,570	1,530	26,550
Scotland	1,360	460	260	80	370	60	70	40	280	1,320	9,990	14,310
Total	11,220	15,900	18,340	15,600	27,630	11,590	14,270	9,600	24,420	23,900	15,130	187,600

* i.e. hauls of 50 miles or more

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Annual tonnage carried by road transport per head of population, analysed by type of commodity

Table (iv)

Tons

Region	Tonnage per head										
	Raw food-stuffs	Manufac-tured food-stuffs	Building minerals	Other crude materials	Coal and coke	Petroleum	Building materials	Chemicals, iron & steel products, other intermediate goods	Manufac-tures	Miscel-laneous	All commodities
Northern	2.6	2.5	6.4	1.5	4.5	1.0	2.5	3.0	2.2	1.8	28.0
East and West Ridings	2.2	3.2	6.3	2.6	6.0	1.0	3.0	3.6	3.0	3.1	34.0
North Midland	3.3	3.1	6.1	1.8	6.7	1.0	3.8	2.6	3.1	1.8	33.4
Eastern	4.3	4.7	5.8	2.0	1.6	1.7	4.1	1.4	3.1	2.0	30.7
London and South Eastern	2.5	2.7	2.9	1.0	1.2	0.9	1.9	1.1	3.0	2.2	19.4
Southern	2.3	2.5	5.0	1.4	2.0	1.2	3.5	0.9	2.7	2.5	24.0
South Western	3.1	3.5	6.6	1.7	1.3	1.3	2.7	1.2	2.3	2.7	26.4
Wales	2.5	2.8	8.2	1.2	4.0	1.5	2.7	3.3	2.3	2.3	30.8
Midland	2.3	3.0	6.3	1.7	3.5	1.8	3.4	4.6	4.1	2.5	33.2
North Western	3.0	4.3	5.4	2.5	3.4	1.6	2.8	2.9	3.9	2.1	31.9
Scotland	2.9	3.4	6.5	2.3	3.5	1.0	2.5	1.5	2.2	2.8	28.6

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REGIONAL DATA

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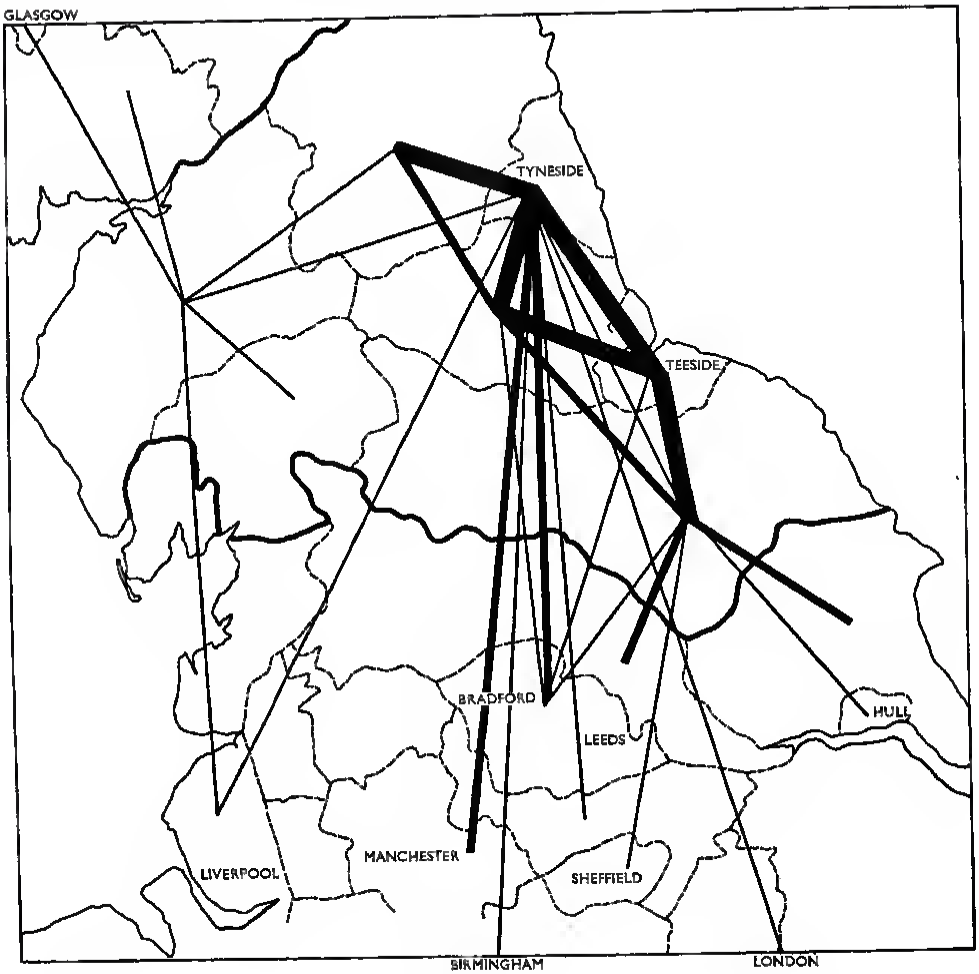
Region 1. Northern

Main flows by road within the region, and between the region and other parts of Great Britain in 1962.



Key

Tonnage moved: aggregate of flow in both directions

Over	Not Over	
¼ million	½ million	
½ million	1 million	
1 million		

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Estimated transport by road in 1962: Summary Table

Table 1a

	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Transport within the region	70,600	77.0	54,830	92.4
Transport outwards	10,950	12.0	2,280	3.8
Transport inwards	10,120	11.0	2,280	3.8
Total	91,670	100.0	59,390	100.0

Estimated tonnage moved and journeys undertaken within the region in 1962, analysed by length of haul

Table 1b

Length of haul		Tonnage moved		Journeys made	
		Thousands	Per cent of total	Thousands	Per cent of total
Over	*Not over*				
-	24 miles	57,270	81.1	50,330	91.8
24 miles	49 miles	10,070	14.3	3,610	6.6
49 miles	99 miles	2,840	4.0	790	1.4
99 miles		420	0.6	100	0.2
All lengths		70,600	100.0	54,830	100.0

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Estimated tonnage moved within the region
in 1962, analysed by commodity

Table 1c

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	6,370		9	
Manufactured	5,900		8	
Total		12,270		17
2. Crude materials				
Building minerals	19,210		27	
Other	3,190		5	
Total		22,400		32
3. Fuel				
Coal and coke	13,800		20	
Petroleum	2,700		4	
Total		16,500		24
4. Intermediate goods				
Building materials	6,350		9	
Chemicals, iron and steel products, other intermediate goods	5,100		7	
Total		11,450		16
5. Manufactures		3,770		5
6. Miscellaneous*		4,210		6
Total		70,600		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport outwards from the region in 1962, analysed by region of destination

Table 1d

Destination	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
East and West Ridings	3,640	33	980	43
North Midland	770	7	140	6
Eastern	420	4	50	2
London and South Eastern	630	6	90	4
Southern	100	1	10	1
South Western	220	2	30	1
Wales	270	3	30	1
Midland	920	8	120	5
North Western	1,900	17	470	21
Scotland	2,080	19	360	16
Total	10,950	100	2,280	100

Estimated tonnage outwards in 1962, analysed by destination and length of haul

Table 1e

Thousands

Destination	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
East and West Ridings	1,720	1,210	710	3,640
North Midland	-	280	490	770
Eastern	-	-	420	420
London and South Eastern	-	-	630	630
Southern	-	-	100	100
South Western	-	-	220	220
Wales	-	130	140	270
Midland	-	110	810	920
North Western	360	390	1,150	1,900
Scotland	210	680	1,190	2,080
All regions	2,290	2,800	5,860	10,950

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Estimated tonnage moved outwards from the region in 1962, analysed by commodity

Table 1f

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	1,040		10	
Manufactured	920		8	
Total		1,960		18
2. Crude materials				
Building minerals	1,070		10	
Other	880		8	
Total		1,950		18
3. Fuel				
Coal and coke	590		5	
Petroleum	180		2	
Total		770		7
4. Intermediate goods				
Building materials	890		8	
Chemicals, iron and steel products, other intermediate goods	3,020		28	
Total		3,910		36
5. Manufactures		1,580		14
6. Miscellaneous*		780		7
Total		10,950		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport into the region in 1962, analysed by region of origin

Table 1g

Origin	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
East and West Ridings	3,860	38	970	43
North Midland	1,000	10	150	7
Eastern	210	2	40	2
London and South Eastern	460	5	100	4
Southern	50	-	10	-
South Western	100	1	20	1
Wales	180	2	30	1
Midland	620	6	120	5
North Western	2,230	22	470	21
Scotland	1,410	14	370	16
Total	10,120	100	2,280	100

Estimated tonnage inwards in 1962, analysed by origin and length of haul

Table 1h

Thousands

Origin	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
East and West Ridings	1,740	1,410	710	3,860
North Midland	-	420	580	1,000
Eastern	-	-	210	210
London and South Eastern	-	-	460	460
Southern	-	-	50	50
South Western	-	-	100	100
Wales	-	-	180	180
Midland	-	110	510	620
North Western	370	380	1,480	2,230
Scotland	50	390	970	1,410
All regions	2,160	2,710	5,250	10,120

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Estimated tonnage moved into the region in 1962, analysed by commodity

Table 11

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	980		10	
Manufactured	1,540		15	
Total		2,520		25
2. Crude materials				
Building minerals	760		7	
Other	720		7	
Total		1,480		14
3. Fuel				
Coal and coke	390		4	
Petroleum	390		4	
Total		780		8
4. Intermediate goods				
Building materials	850		8	
Chemicals, iron and steel products, other intermediate goods	1,690		17	
Total		2,540		25
5. Manufactures		1,830		18
6. Miscellaneous*		970		10
Total		10,120		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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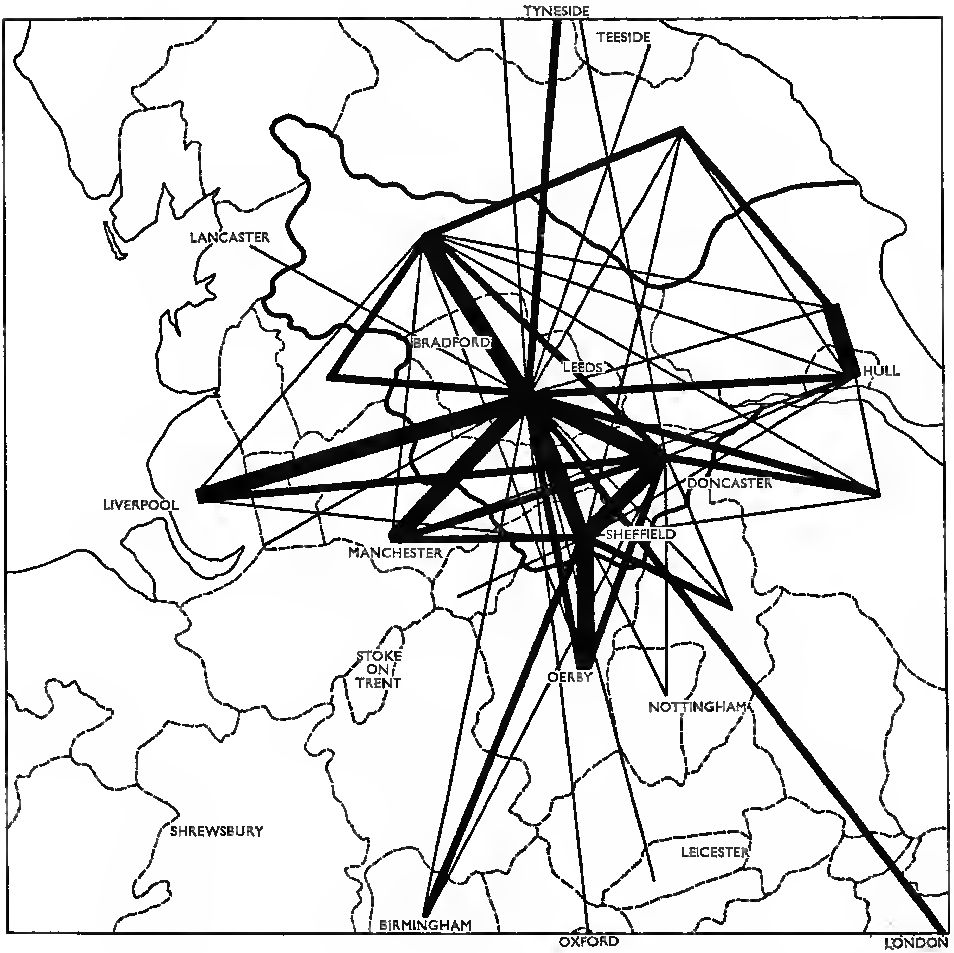
Region 2. East and West Ridings

Main flows by road within the region, and between the region and other parts of Great Britain in 1962.



Key

Tonnage moved: aggregate of flow in both directions

Over	Not Over
¼ million	½ million
½ million	1 million
1 million	

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Estimated transport by road in 1962: Summary Table

Table 2a

	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Transport within the region	101,480	70.9	81,530	88.5
Transport outwards	20,760	14.5	5,240	5.7
Transport inwards	20,820	14.8	5,370	5.8
Total	143,060	100.0	92,140	100.0

Estimated tonnage moved and journeys undertaken within the region in 1962, analysed by length of haul

Table 2b

Length of haul		Tonnage moved		Journeys made	
		Thousands	Per cent of total	Thousands	Per cent of total
Over	*Not over*				
-	24 miles	87,740	86.4	75,960	93.2
24 miles	49 miles	10,620	10.5	4,600	5.6
49 miles	99 miles	2,930	2.9	900	1.1
99 miles		190	0.2	70	0.1
All lengths		101,480	100.0	81,530	100.0

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Estimated tonnage moved within the region in 1962, analysed by commodity

Table 2c

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	6,080		6	
Manufactured	8,250		8	
Total		14,330		14
2. Crude materials				
Building minerals	22,170		22	
Other	7,360		7	
Total		29,530		29
3. Fuel				
Coal and coke	20,800		20	
Petroleum	2,810		3	
Total		23,610		23
4. Intermediate goods				
Building materials	9,020		9	
Chemicals, iron and steel products, other intermediate goods	8,310		8	
Total		17,330		17
5. Manufactures		6,730		7
6. Miscellaneous*		9,950		10
Total		101,480		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport outwards from the region in 1962, analysed by region of destination

Table 2d

Destination	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	3,860	18	970	18
North Midland	5,190	25	1,630	31
Eastern	610	3	100	2
London and South Eastern	1,190	6	170	3
Southern	350	2	60	2
South Western	250	1	30	1
Wales	210	1	40	1
Midland	2,050	10	350	7
North Western	6,600	32	1,810	34
Scotland	450	2	60	1
Total	20,760	100	5,240	100

Estimated tonnage outwards in 1962, analysed by destination and length of haul

Table 2e

Thousands

Destination	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	1,740	1,410	710	3,860
North Midland	2,900	1,760	530	5,190
Eastern	-	90	520	610
London and South Eastern	-	-	1,190	1,190
Southern	-	-	350	350
South Western	-	10	240	250
Wales	-	30	180	210
Midland	100	1,220	730	2,050
North Western	3,040	2,890	670	6,600
Scotland	-	20	430	450
All regions	7,760	7,430	5,550	20,760

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Estimated tonnage moved outwards from the region in 1962, analysed by commodity

Table 2f

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	1,330		6	
Manufactured	2,390		12	
Total		3,720		18
2. Crude materials				
Building minerals	1,720		8	
Other	1,870		8	
Total		3,390		16
3. Fuel				
Coal and coke	3,080		15	
Petroleum	510		2	
Total		3,590		17
4. Intermediate goods				
Building materials	1,260		6	
Chemicals, iron and steel products, other intermediate goods	3,700		18	
Total		4,960		24
5. Manufactures		3,310		16
6. Miscellaneous*		1,790		9
Total		20,760		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport into the region in 1962, analysed by region of origin

Table 2g

Origin	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	3,640	18	980	18
North Midland	6,240	30	1,640	31
Eastern	620	3	110	2
London and South Eastern	1,130	5	200	4
Southern	300	2	110	2
South Western	200	1	40	1
Wales	280	1	40	1
Midland	1,460	7	370	7
North Western	6,490	31	1,800	33
Scotland	460	2	80	1
Total	20,820	100	5,370	100

Estimated tonnage inwards in 1962, analysed by origin and length of haul

Table 2h

Thousands

Origin	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	1,720	1,210	710	3,640
North Midland	3,560	2,230	450	6,240
Eastern	-	50	570	620
London and South Eastern	-	-	1,130	1,130
Southern	-	-	300	300
South Western	-	30	170	200
Wales	-	80	200	280
Midland	150	540	770	1,460
North Western	2,610	3,220	660	6,490
Scotland	-	40	420	460
All regions	8,040	7,400	5,380	20,820

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Estimated tonnage moved into the region in 1962, analysed by commodity

Table 21

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	1,780		9	
Manufactured	2,620		12	
Total		4,400		21
2. Crude materials				
Building minerals	2,790		14	
Other	1,710		8	
Total		4,500		22
3. Fuel				
Coal and coke	1,190		6	
Petroleum	910		4	
Total		2,100		10
4. Intermediate goods				
Building materials	2,370		11	
Chemicals, iron and steel products, other intermediate goods	3,320		16	
Total		5,690		27
5. Manufactures		2,660		13
6. Miscellaneous*		1,470		7
Total		20,820		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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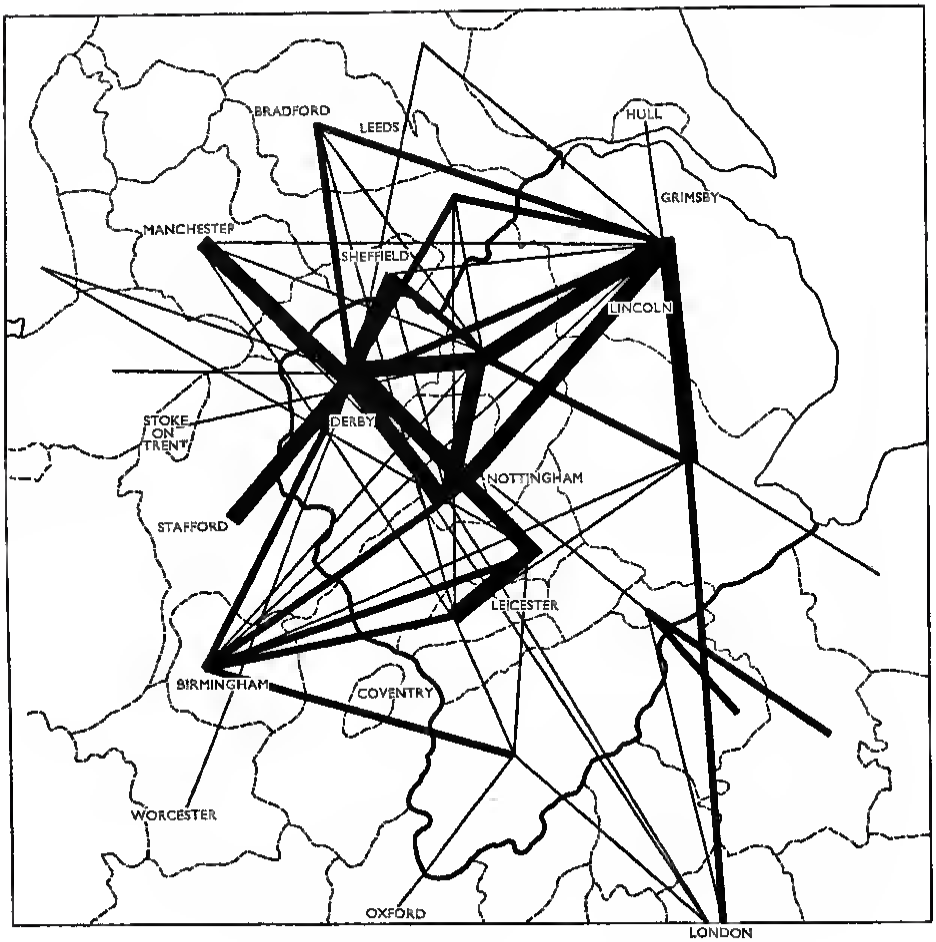
Region 3. North Midland

Main flows by road within the region, and between the region and other parts of Great Britain in 1962.



Key

Tonnage moved: aggregate of flow in both directions

Over	Not Over	
¼ million	½ million	
½ million	1 million	
1 million		

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Estimated transport by road in 1962: Summary Table

Table 3a

	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Transport within the region	74,720	60.5	96,240	88.7
Transport outwards	29,190	23.6	6,150	5.7
Transport inwards	19,660	15.9	6,100	5.6
Total	123,570	100.0	108,490	100.0

Estimated tonnage moved and journeys undertaken within the region in 1962, analysed by length of haul

Table 3b

Length of haul		Tonnage moved		Journeys made	
		Thousands	Per cent of total	Thousands	Per cent of total
Over	*Not over*				
-	24 miles	58,850	78.8	90,500	94.0
24 miles	49 miles	9,970	13.3	4,320	4.5
49 miles	99 miles	5,540	7.4	1,350	1.4
99 miles		360	0.5	70	0.1
All lengths		74,720	100.0	96,240	100.0

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Estimated tonnage moved within the region in 1962, analysed by commodity

Table 3c

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	7,500		10	
Manufactured	7,130		10	
Total		14,830		20
2. Crude materials				
Building minerals	16,320		22	
Other	3,940		5	
Total		20,260		27
3. Fuel				
Coal and coke	18,110		24	
Petroleum	1,970		3	
Total		20,080		27
4. Intermediate goods				
Building materials	8,140		11	
Chemicals, iron and steel products, other intermediate goods	2,810		4	
Total		10,950		15
5. Manufactures		4,690		6
6. Miscellaneous*		4,110		5
Total		74,720		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport outwards from the region in 1962, analysed by region of destination

Table 3d

Destination	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	1,000	4	150	2
East and West Ridings	6,240	21	1,640	27
Eastern	3,850	13	920	15
London and South Eastern	3,390	12	560	9
Southern	1,090	4	290	5
South Western	700	2	90	1
Wales	480	2	80	1
Midland	7,050	24	1,510	25
North Western	5,050	17	860	14
Scotland	340	1	50	1
Total	29,190	100	6,150	100

Estimated tonnage outwards in 1962, analysed by destination and length of haul

Table 3e

Thousands

Destination	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	420	580	1,000
East and West Ridings	3,560	2,230	450	6,240
Eastern	1,170	1,470	1,210	3,850
London and South Eastern	250	710	2,430	3,390
Southern	210	410	470	1,090
South Western	20	70	610	700
Wales	-	70	410	480
Midland	3,070	3,280	700	7,050
North Western	1,410	2,080	1,560	5,050
Scotland	-	-	340	340
All regions	9,690	10,740	6,760	29,190

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Estimated tonnage moved outwards from the region in 1962, analysed by commodity

Table 3f

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	3,350		12	
Manufactured	1,800		6	
Total		5,150		18
2. Crude materials				
Building minerals	4,630		16	
Other	1,360		5	
Total		5,990		21
3. Fuel				
Coal and coke	4,710		16	
Petroleum	900		3	
Total		5,610		19
4. Intermediate goods				
Building materials	4,180		14	
Chemicals, iron and steel products, other intermediate goods	3,500		12	
Total		7,680		26
5. Manufactures		3,510		12
6. Miscellaneous*		1,250		4
Total		29,190		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport into the region
in 1962, analysed by region of origin

Table 3g

Origin	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	770	4	140	2
East and West Ridings	5,190	26	1,630	27
Eastern	3,150	16	920	15
London and South Eastern	1,620	8	560	9
Southern	630	3	280	5
South Western	300	2	90	1
Wales	420	2	90	1
Midland	4,180	21	1,520	25
North Western	3,120	16	840	14
Scotland	280	2	30	1
Total	19,660	100	6,100	100

Estimated tonnage inwards in 1962,
analysed by origin and length of haul

Table 3h

Thousands

Origin	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	280	490	770
East and West Ridings	2,900	1,760	530	5,190
Eastern	1,470	1,160	520	3,150
London and South Eastern	50	490	1,080	1,620
Southern	310	130	190	630
South Western	30	40	230	300
Wales	10	100	310	420
Midland	2,090	1,680	410	4,180
North Western	360	1,680	1,080	3,120
Scotland	-	-	280	280
All regions	7,220	7,320	5,120	19,660

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Estimated tonnage moved into the region in 1962, analysed by commodity

Table 31

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	1,200		6	
Manufactured	2,620		13	
Total		3,820		19
2. Crude materials				
Building minerals	1,720		9	
Other	1,560		8	
Total		3,260		17
3. Fuel				
Coal and coke	1,930		10	
Petroleum	900		4	
Total		2,830		14
4. Intermediate goods				
Building materials	1,920		10	
Chemicals, iron and steel products, other intermediate goods	3,220		16	
Total		5,140		26
5. Manufactures		3,280		17
6. Miscellaneous*		1,310		7
Total		19,660		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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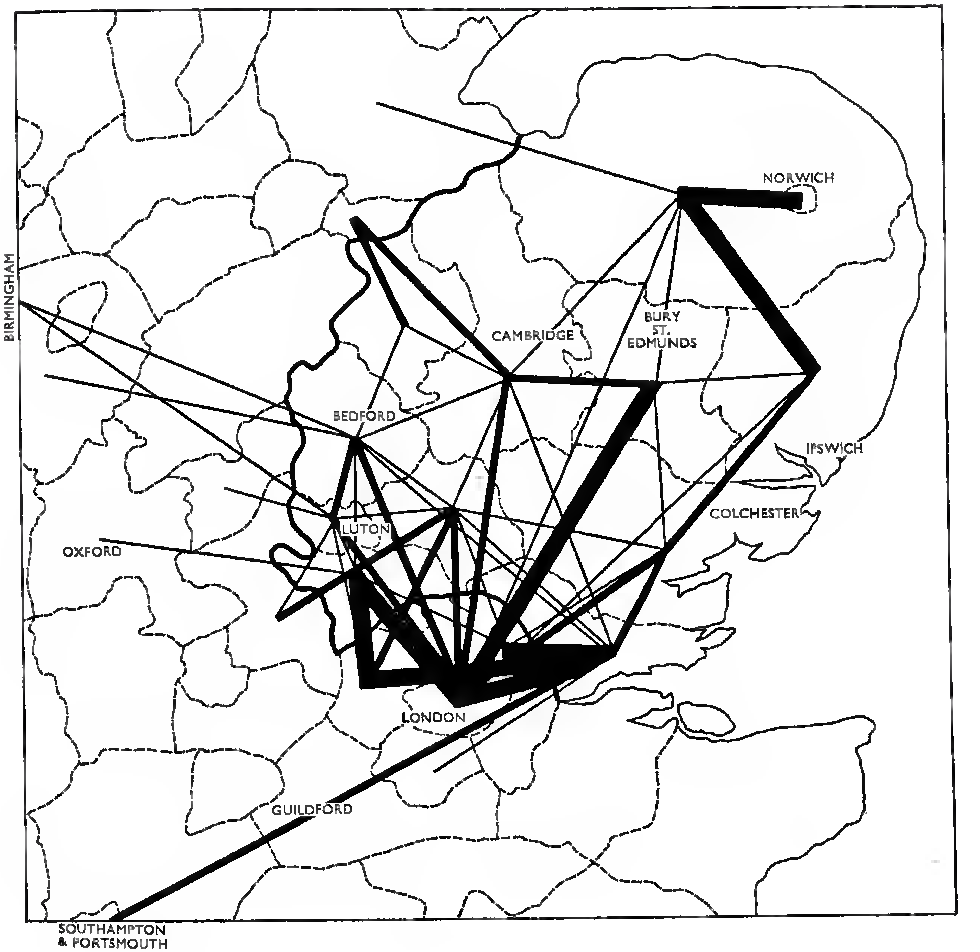
Region 4. Eastern

Main flows by road within the region, and between the region and other parts of Great Britain in 1962.



Key

Tonnage moved: aggregate of flow in both directions

Over	Not Over	
¼ million	½ million	
½ million	1 million	
1 million		

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Estimated transport by road in 1962: Summary Table

Table 4a

	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Transport within the region	71,900	61.0	78,830	84.6
Transport outwards	24,450	20.7	7,320	7.9
Transport inwards	21,600	18.3	7,000	7.5
Total	117,950	100.0	93,150	100.0

Estimated tonnage moved and journeys undertaken within the region in 1962, analysed by length of haul

Table 4b

Length of haul		Tonnage moved		Journeys made	
		Thousands	Per cent of total	Thousands	Per cent of total
Over	*Not over*				
-	24 miles	56,170	78.1	72,960	92.6
24 miles	49 miles	10,310	14.3	4,360	5.5
49 miles	99 miles	4,960	6.9	1,370	1.7
99 miles		460	0.7	140	0.2
All lengths		71,900	100.0	78,830	100.0

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Estimated tonnage moved within the region in 1962, analysed by commodity

Table 4c

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	10,800		15	
Manufactured	11,760		16	
Total		22,560		31
2. Crude materials				
Building minerals	18,400		26	
Other	4,300		6	
Total		22,700		32
3. Fuel				
Coal and coke	5,000		7	
Petroleum	3,310		5	
Total		8,310		12
4. Intermediate goods				
Building materials	7,500		10	
Chemicals, iron and steel products, other intermediate goods	1,420		2	
Total		8,920		12
5. Manufactures		4,870		7
6. Miscellaneous*		4,540		6
Total		71,900		100

* Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport outwards from the region in 1962, analysed by region of destination

Table 4d

Destination	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	210	1	40	1
East and West Ridings	620	2	110	1
North Midland	3,150	13	920	13
London and South Eastern	14,160	58	5,010	68
Southern	2,830	12	640	9
South Western	600	2	110	1
Wales	180	1	40	1
Midland	1,730	7	300	4
North Western	830	3	130	2
Scotland	140	1	20	-
Total	24,450	100	7,320	100

Estimated tonnage outwards in 1962, analysed by destination and length of haul

Table 4e

Thousands

Destination	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	-	210	210
East and West Ridings	-	50	570	620
North Midland	1,470	1,160	520	3,150
London and South Eastern	9,350	3,890	920	14,160
Southern	1,550	880	400	2,830
South Western	80	190	350	600
Wales	-	-	180	180
Midland	20	950	760	1,730
North Western	-	40	790	830
Scotland	-	-	140	140
All regions	12,450	7,160	4,840	24,450

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Estimated tonnage moved outwards from the region in 1962, analysed by commodity

Table 4f

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	2,890		12	
Manufactured	3,460		14	
Total		6,350		26
2. Crude materials				
Building minerals	1,920		8	
Other	1,600		6	
Total		3,520		14
3. Fuel				
Coal and coke	290		1	
Petroleum	2,370		10	
Total		2,660		11
4. Intermediate goods				
Building materials	5,380		22	
Chemicals, iron and steel products, other intermediate goods	1,390		6	
Total		6,770		28
5. Manufactures		3,580		15
6. Miscellaneous*		1,570		6
Total		24,450		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport into the region in 1962, analysed by region of origin

Table 4g

Origin	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	420	2	50	1
East and West Ridings	610	3	100	1
North Midland	3,850	18	920	13
London and South Eastern	12,170	56	4,740	68
Southern	1,670	8	630	9
South Western	480	2	100	1
Wales	240	1	50	1
Midland	1,350	6	290	4
North Western	730	3	110	2
Scotland	80	1	10	-
Total	21,600	100	7,000	100

Estimated tonnage inwards in 1962, analysed by origin and length of haul

Table 4h

Thousands

Origin	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	-	420	420
East and West Ridings	-	90	520	610
North Midland	1,170	1,470	1,210	3,850
London and South Eastern	8,790	2,560	820	12,170
Southern	1,230	280	160	1,670
South Western	90	160	230	480
Wales	-	-	240	240
Midland	140	570	640	1,350
North Western	-	60	670	730
Scotland	-	-	80	80
All regions	11,420	5,190	4,990	21,600

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Estimated tonnage moved into the region in 1962, analysed by commodity

Table 41

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	2,670		12	
Manufactured	2,880		13	
Total		5,550		25
2. Crude materials				
Building minerals	2,050		9	
Other	1,860		9	
Total		3,910		18
3. Fuel				
Coal and coke	880		4	
Petroleum	710		3	
Total		1,590		7
4. Intermediate goods				
Building materials	2,920		14	
Chemicals, iron and steel products, other intermediate goods	2,500		12	
Total		5,420		26
5. Manufactures		3,460		16
6. Miscellaneous*		1,670		8
Total		21,600		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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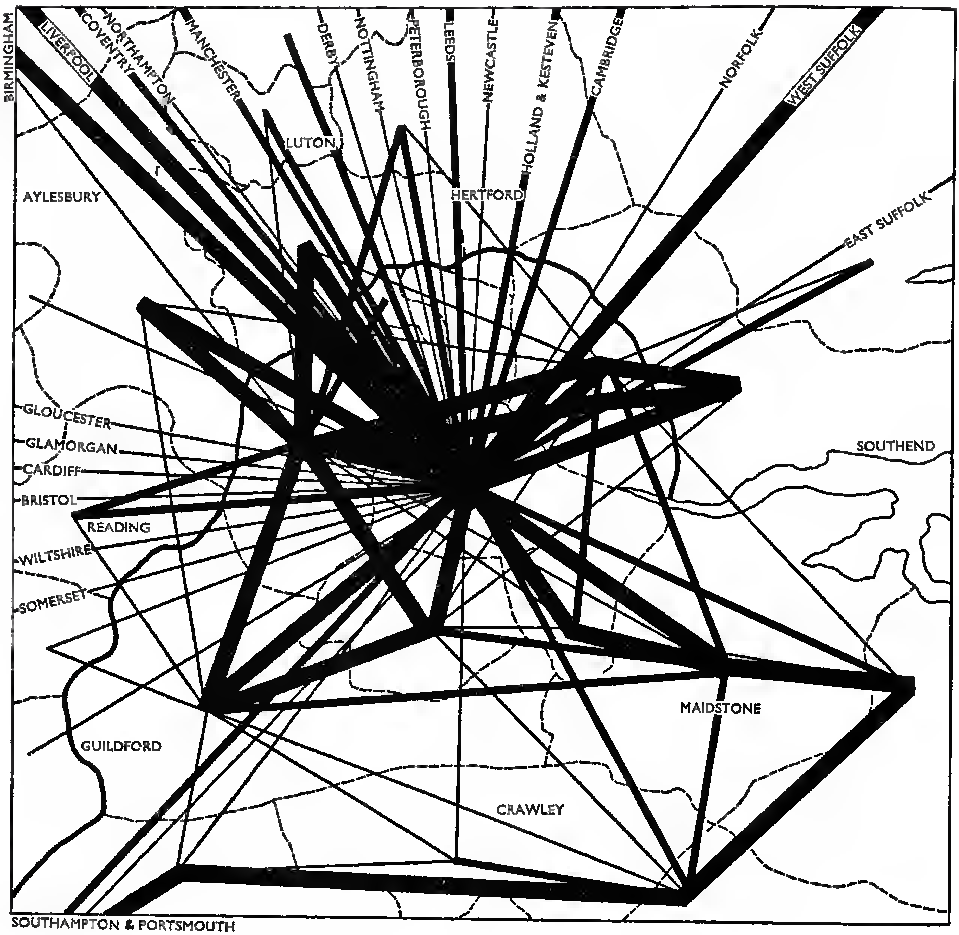
Region 5. London and South Eastern

Main flows by road within the region, and between the region and other parts of Great Britain in 1962



Key

Tonnage moved: aggregate of flow in both directions

Over	Not Over
¼ million	½ million
½ million	1 million
1 million	

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Estimated transport by road in 1962: Summary Table

Table 5a

	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Transport within the region	151,410	69.7	185,390	90.3
Transport outwards	30,850	14.2	9,790	4.8
Transport inwards	35,090	16.1	10,020	4.9
Total	217,350	100.0	205,200	100.0

Estimated tonnage moved and journeys undertaken within the region in 1962, analysed by length of haul

Table 5b

Length of haul		Tonnage moved		Journeys made	
		Thousands	Per cent of total	Thousands	Per cent of total
Over	*Not over*				
-	24 miles	124,680	82.3	171,640	92.6
24 miles	49 miles	20,570	13.6	11,240	8.1
49 miles	99 miles	5,600	3.7	2,320	1.2
99 miles		560	0.4	190	0.1
All lengths		151,410	100.0	185,390	100.0

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Estimated tonnage moved within the region in 1962, analysed by commodity

Table 5c

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	20,230		13	
Manufactured	21,030		14	
Total		41,260		27
2. Crude materials				
Building minerals	26,710		18	
Other	7,030		5	
Total		33,740		23
3. Fuel				
Coal and coke	11,890		8	
Petroleum	6,540		4	
Total		18,430		12
4. Intermediate goods				
Building materials	14,500		10	
Chemicals, iron and steel products, other intermediate goods	5,830		4	
Total		20,330		14
5. Manufactures		18,820		12
6. Miscellaneous *		18,830		12
Total		151,410		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport outwards from the region in 1962, analysed by region of destination

Table 5d

Destination	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	460	1	100	1
East and West Ridings	1,130	4	200	2
North Midland	1,620	5	560	6
Eastern	12,170	39	4,740	48
Southern	7,660	25	2,660	27
South Western	2,160	7	410	4
Wales	780	3	140	1
Midland	2,690	9	570	6
North Western	1,780	6	360	4
Scotland	400	1	50	1
Total	30,850	100	9,790	100

Estimated tonnage outwards in 1962, analysed by destination and length of haul

Table 5e

Thousands

Destination	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	-	460	460
East and West Ridings	-	-	1,130	1,130
North Midland	50	490	1,080	1,620
Eastern	8,790	2,560	820	12,170
Southern	4,370	2,750	540	7,660
South Western	180	550	1,430	2,160
Wales	-	-	780	780
Midland	-	490	2,200	2,690
North Western	-	-	1,780	1,780
Scotland	-	-	400	400
All regions	13,390	6,840	10,620	30,850

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Estimated tonnage moved outwards from the region in 1962, analysed by commodity

Table 5f

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	3,210		10	
Manufactured	5,630		18	
Total		8,840		28
2. Crude materials				
Building minerals	2,340		7	
Other	3,020		10	
Total		5,360		17
3. Fuel				
Coal and coke	470		2	
Petroleum	1,360		4	
Total		1,830		6
4. Intermediate goods				
Building materials	2,820		9	
Chemicals, iron and steel products, other intermediate goods	2,630		9	
Total		5,450		18
5. Manufactures		6,360		21
6. Miscellaneous *		3,010		10
Total		30,850		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport into the region in 1962, analysed by region of origin

Table 5g

Origin	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	630	2	90	1
East and West Ridings	1,190	3	170	2
North Midland	3,390	10	560	5
Eastern	14,160	40	5,010	50
Southern	6,330	18	2,610	26
South Western	2,250	7	420	4
Wales	1,220	3	150	1
Midland	3,040	9	580	6
North Western	2,510	7	370	4
Scotland	370	1	60	1
Total	35,090	100	10,020	100

Estimated tonnage inwards in 1962, analysed by origin and length of haul

Table 5h

Thousands

Origin	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	-	630	630
East and West Ridings	-	-	1,190	1,190
North Midland	250	710	2,430	3,390
Eastern	9,350	3,890	920	14,160
Southern	3,960	1,990	380	6,330
South Western	60	600	1,590	2,250
Wales	-	-	1,220	1,220
Midland	-	470	2,570	3,040
North Western	-	-	2,510	2,510
Scotland	-	-	370	370
All regions	13,620	7,660	13,810	35,090

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Estimated tonnage moved into the region
in 1962, analysed by commodity

Table 51

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	4,960		14	
Manufactured	3,690		11	
Total		8,650		25
2. Crude materials				
Building minerals	3,300		9	
Other	1,530		4	
Total		4,830		13
3. Fuel				
Coal and coke	1,080		3	
Petroleum	2,460		7	
Total		3,540		10
4. Intermediate goods				
Building materials	3,730		11	
Chemicals, iron and steel products, other intermediate goods	3,810		11	
Total		7,540		22
5. Manufactures		7,860		22
6. Miscellaneous *		2,670		8
Total		35,090		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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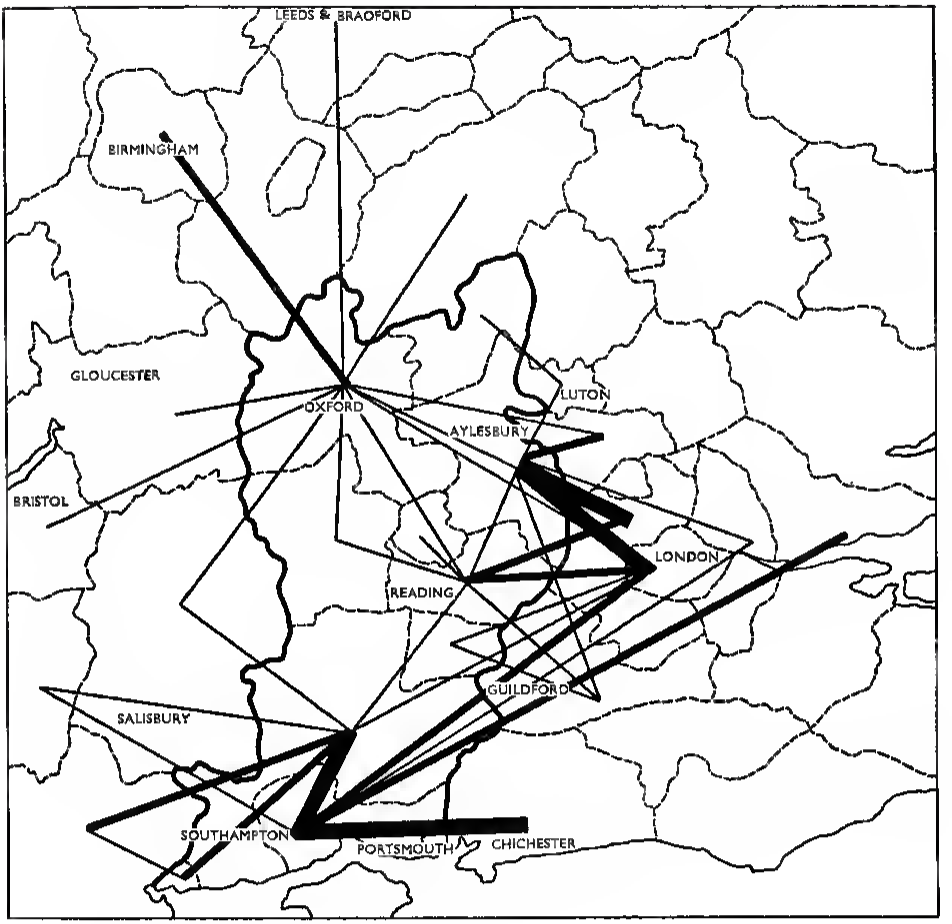
Region 6. Southern

Main flows by road within the region, and between the region and other parts of Great Britain in 1962.



Key

Tonnage moved: aggregate of flow in both directions

Over	Not Over	
¼ million	½ million	
½ million	1 million	
1 million		

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Estimated transport by road in 1962: Summary Table

Table 6a

	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Transport within the region	38,420	54.9	56,790	85.3
Transport outwards	14,820	21.1	4,890	7.3
Transport inwards	16,800	24.0	4,930	7.4
Total	70,040	100.0	66,610	100.0

Estimated tonnage moved and journeys undertaken within the region in 1962, analysed by length of haul

Table 6b

Length of haul		Tonnage moved		Journeys made	
		Thousands	Per cent of total	Thousands	Per cent of total
Over	*Not over*				
-	24 miles	31,990	83.3	54,260	95.5
24 miles	49 miles	4,460	11.6	1,980	3.5
49 miles	99 miles	1,750	4.5	510	0.9
99 miles		220	0.6	40	0.1
All lengths		38,420	100.0	56,790	100.0

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Estimated tonnage moved within the region in 1962, analysed by commodity

Table 6c

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	3,780		10	
Manufactured	3,150		8	
Total		6,930		18
2. Crude materials				
Building minerals	10,270		27	
Other	2,180		6	
Total		12,450		33
3. Fuel				
Coal and coke	4,800		12	
Petroleum	1,730		5	
Total		6,530		17
4. Intermediate goods				
Building materials	4,640		12	
Chemicals, iron and steel products, other intermediate goods	570		1	
Total		5,210		13
5. Manufactures		2,350		6
6. Miscellaneous*		4,950		13
Total		38,420		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport outwards from the region in 1962, analysed by region of destination

Table 6d

Destination	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	50	-	10	-
East and West Ridings	300	2	110	2
North Midland	630	4	280	6
Eastern	1,670	11	630	13
London and South Eastern	6,330	43	2,610	53
South Western	3,790	26	830	17
Wales	290	2	50	1
Midland	1,320	9	280	6
North Western	420	3	80	2
Scotland	20	-	10	-
Total	14,820	100	4,890	100

Estimated tonnage outwards in 1962, analysed by destination and length of haul

Table 6e

Thousands

Destination	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	-	50	50
East and West Ridings	-	-	300	300
North Midland	310	130	190	630
Eastern	1,230	280	160	1,670
London and South Eastern	3,960	1,990	380	6,330
South Western	1,730	1,680	380	3,790
Wales	-	90	200	290
Midland	150	860	310	1,320
North Western	-	40	380	420
Scotland	-	-	20	20
All regions	7,380	5,070	2,370	14,820

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Estimated tonnage moved outwards from the region in 1962, analysed by commodity

Table 6f

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	1,480		10	
Manufactured	1,700		12	
Total		3,180		22
2. Crude materials				
Building minerals	1,920		13	
Other	810		6	
Total		2,730		19
3. Fuel				
Coal and coke	470		3	
Petroleum	1,030		7	
Total		1,500		10
4. Intermediate goods				
Building materials	3,010		20	
Chemicals, iron and steel products, other intermediate goods	640		4	
Total		3,650		24
5. Manufactures		2,690		18
6. Miscellaneous*		1,070		7
Total		14,820		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport into the region in 1962, analysed by region of origin

Table 6g

Origin	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	100	1	10	-
East and West Ridings	350	2	80	2
North Midland	1,090	6	290	6
Eastern	2,830	17	640	13
London and South Eastern	7,660	46	2,660	54
South Western	2,630	16	830	17
Wales	390	2	50	1
Midland	1,280	8	280	5
North Western	410	2	80	2
Scotland	60	-	10	-
Total	16,800	100	4,930	100

Estimated tonnage inwards in 1962, analysed by origin and length of haul

Table 6h

Thousands

Origin	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	-	100	100
East and West Ridings	-	-	350	350
North Midland	210	410	470	1,090
Eastern	1,550	880	400	2,830
London and South Eastern	4,370	2,750	540	7,660
South Western	900	1,290	440	2,630
Wales	-	130	260	390
Midland	150	550	580	1,280
North Western	-	60	350	410
Scotland	-	-	60	60
All regions	7,180	6,070	3,550	16,800

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Estimated tonnage moved into the region in 1962, analysed by commodity

Table 61

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	1,400		6	
Manufactured	2,370		14	
Total		3,770		22
2. Crude materials				
Building minerals	2,270		14	
Other	1,150		7	
Total		3,420		21
3. Fuel				
Coal and coke	630		4	
Petroleum	740		4	
Total		1,370		8
4. Intermediate goods				
Building materials	2,710		16	
Chemicals, iron and steel products, other intermediate goods	1,430		9	
Total		4,140		25
5. Manufactures		2,780		16
6. Miscellaneous*		1,320		8
Total		16,800		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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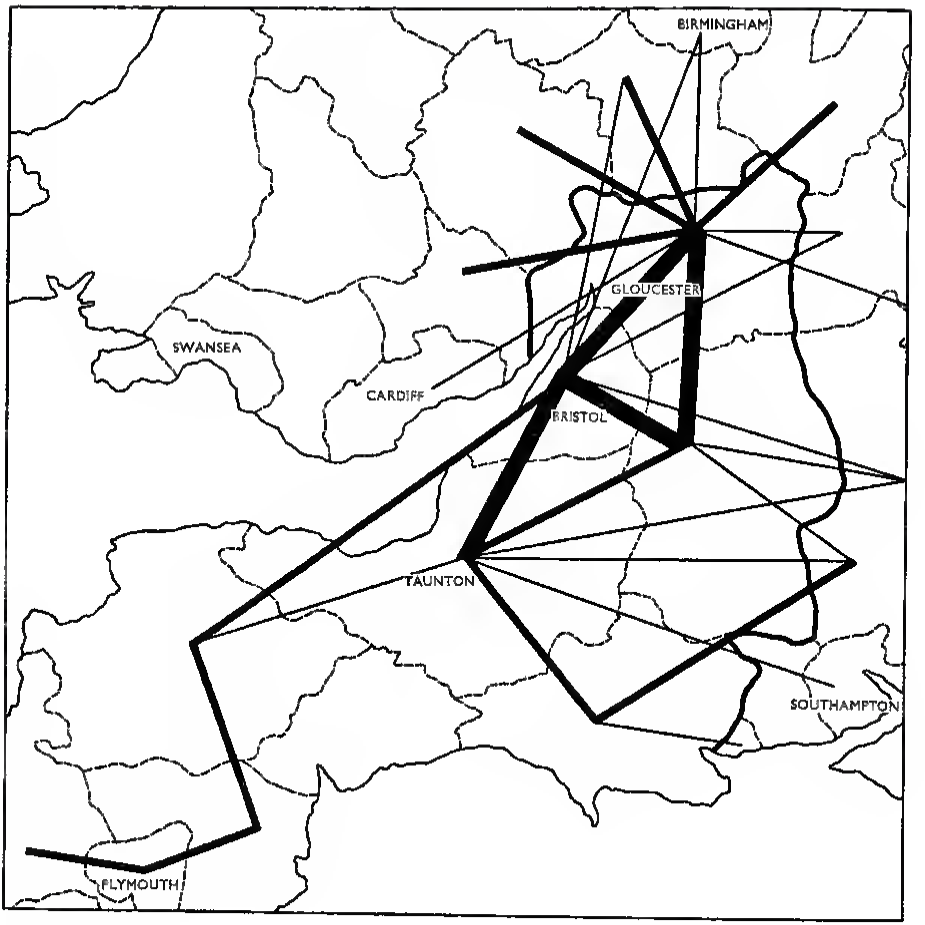
Region 7. South Western

Main flows by road within the region, and between the region and other parts of Great Britain in 1962.



Key

Tonnage moved aggregate of flow in both directions

Over	Not Over
¼ million	¼ million
½ million	1 million
1 million	

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Estimated transport by road in 1962: Summary Table

Table 7a

	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Transport within the region	68,700	75.3	73,610	93.4
Transport outwards	10,550	11.8	2,640	3.3
Transport inwards	11,980	13.1	2,610	3.3
Total	91,230	100.0	78,860	100.0

Estimated tonnage moved and journeys undertaken within the region in 1962, analysed by length of haul

Table 7b

Length of haul		Tonnage moved		Journeys made	
		Thousands	Per cent of total	Thousands	Per cent of total
Over	*Not over*				
-	24 miles	53,450	77.8	67,490	91.7
24 miles	49 miles	10,080	14.7	4,320	5.9
49 miles	99 miles	3,770	5.5	1,500	2.0
99 miles		1,390	2.0	300	0.4
All lengths		68,700	100.0	73,610	100.0

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Estimated tonnage moved within the region in 1962, analysed by commodity

Table 7c

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	7,920		12	
Manufactured	7,860		11	
Total		15,780		23
2. Crude materials				
Building minerals	19,660		29	
Other	4,470		6	
Total		24,130		35
3. Fuel				
Coal and coke	3,950		6	
Petroleum	3,350		5	
Total		7,300		11
4. Intermediate goods				
Building materials	6,980		10	
Chemicals, iron and steel products, other intermediate goods	2,380		3	
Total		9,360		13
5. Manufactures		4,850		7
6. Miscellaneous *		7,480		11
Total		68,700		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport outwards from the region in 1962, analysed by region of destination

Table 7d

Destination	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	100	1	20	1
East and West Ridings	200	2	40	2
North Midland	300	3	90	3
Eastern	480	5	100	4
London and South Eastern	2,250	21	420	16
Southern	2,630	25	850	31
Wales	1,240	12	290	11
Midland	2,740	28	740	28
North Western	580	5	100	4
Scotland	30	-	10	-
Total	10,550	100	2,640	100

Estimated tonnage outwards in 1962, analysed by destination and length of haul

Table 7e

Thousands

Destination	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	-	100	100
East and West Ridings	-	30	170	200
North Midland	30	40	230	300
Eastern	90	160	230	480
London and South Eastern	60	600	1,590	2,250
Southern	900	1,290	440	2,630
Wales	480	400	360	1,240
Midland	1,180	950	610	2,740
North Western	-	80	500	580
Scotland	-	-	30	30
All regions	2,740	3,550	4,260	10,550

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Estimated tonnage moved outwards from the region in 1962, analysed by commodity

Table 7f

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	1,610		15	
Manufactured	1,900		18	
Total		3,510		33
2. Crude materials				
Building minerals	1,740		17	
Other	760		7	
Total		2,500		24
3. Fual				
Coal and coke	200		2	
Petroleum	440		4	
Total		640		6
4. Intermediate goods				
Building materials	550		5	
Chemicals, iron and stael products, other intermediate goods	700		7	
Total		1,250		12
5. Manufactures		1,890		18
6. Miscellaneous *		760		7
Total		10,550		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties

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Estimated transport into the region in 1962, analysed by region of origin

Table 7g

Origin	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	220	2	30	1
East and West Ridings	250	2	30	1
North Midland	700	6	90	3
Eastern	600	5	110	4
London and South Eastern	2,160	18	410	16
Southern	3,790	31	830	32
Wales	1,180	10	280	11
Midland	2,430	20	730	28
North Western	580	5	90	3
Scotland	70	1	10	1
Total	11,980	100	2,610	100

Estimated tonnage inwards in 1962, analysed by origin and length of haul

Table 7h

Thousands

Origin	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	-	220	220
East and West Ridings	-	10	240	250
North Midland	20	70	610	700
Eastern	60	190	350	600
London and South Eastern	180	550	1,430	2,160
Southern	1,730	1,680	380	3,790
Wales	250	520	410	1,180
Midland	830	1,190	610	2,430
North Western	-	90	490	580
Scotland	-	-	70	70
All regions	2,870	4,300	4,810	11,980

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Estimated tonnage moved into the region in 1962, analysed by commodity

Table 71

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	1,030		9	
Manufactured	2,450		20	
Total		3,480		29
2. Crude materials				
Building minerals	1,390		12	
Other	700		8	
Total		2,090		18
3. Fuel				
Coal and coke	370		3	
Petroleum	820		7	
Total		1,190		10
4. Intermediate goods				
Building materials	1,700		14	
Chemicals, iron and steel products, other intermediate goods	980		8	
Total		2,880		22
5. Manufactures		1,560		13
6. Miscellaneous *		980		8
Total		11,980		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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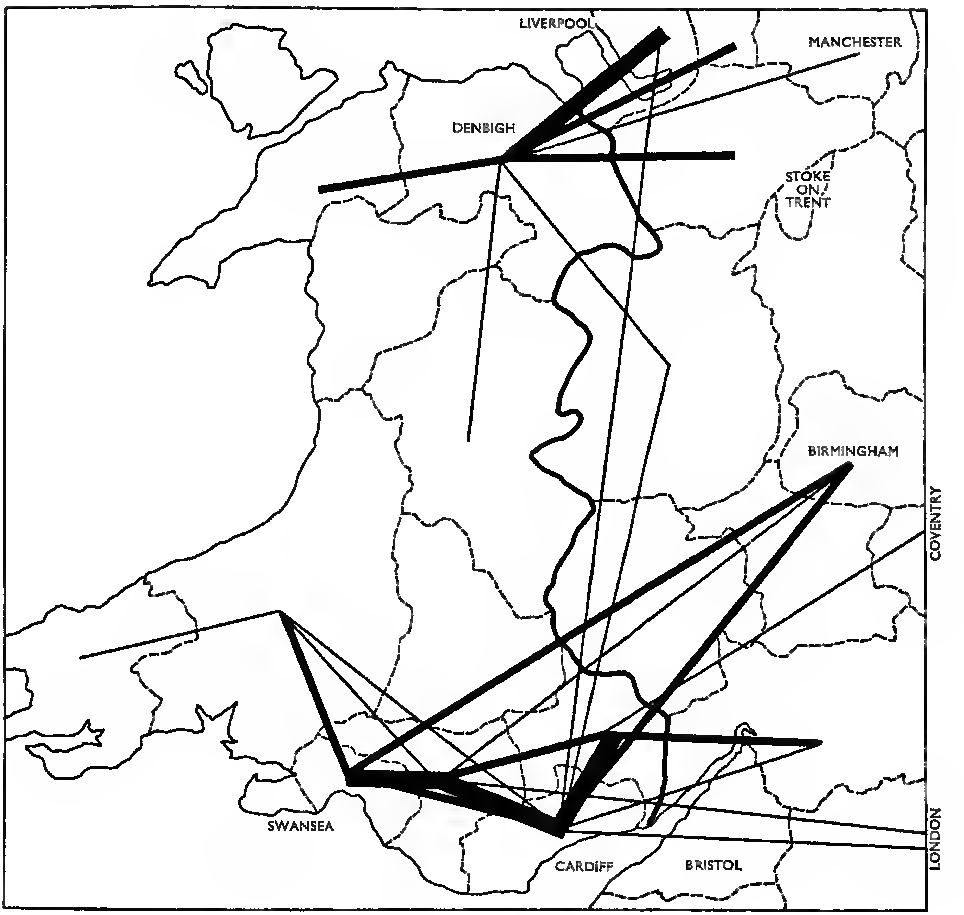
Region 8. Wales

Main flows by road within the region, and between the region and other parts of Great Britain in 1962



Key

Tonnage moved: aggregate of flow in both directions

Over	Not Over	
¼ million	½ million	
½ million	1 million	
1 million		

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Estimated transport by road in 1962: Summary Table

Table 8a

	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Transport within the region	61,320	75.2	63,040	93.7
Transport outwards	11,220	13.8	2,120	3.2
Transport inwards	9,020	11.0	2,110	3.1
Total	81,560	100.0	67,270	100.0

Estimated tonnage moved and journeys undertaken within the region in 1962, analysed by length of haul

Table 8b

Length of haul		Tonnage moved		Journeys made	
		Thousands	Per cent of total	Thousands	Per cent of total
Over	*Not over*				
-	24 miles	50,960	83.1	58,760	93.2
24 miles	49 miles	7,670	12.5	3,270	5.2
49 miles	99 miles	2,080	3.4	870	1.4
99 miles		610	1.0	140	0.2
All lengths		61,320	100.0	63,040	100.0

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Estimated tonnage moved within the region in 1962, analysed by commodity

Table 8c

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	5,550		9	
Manufactured	5,120		8	
Total		10,670		17
2. Crude materials				
Building minerals	18,840		31	
Other	1,770		3	
Total		20,610		34
3. Fuel				
Coal and coke	9,510		16	
Petroleum	3,340		5	
Total		12,850		21
4. Intermediate goods				
Building materials	5,550		9	
Chemicals, iron and steel products, other intermediate goods	3,440		6	
Total		8,990		15
5. Manufactures		3,050		5
6. Miscellaneous *		5,150		8
Total		61,320		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport outwards from the region in 1962, analysed by region of destination

Table 8d

Destination	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	180	2	30	2
East and West Ridings	280	2	40	2
North Midland	420	4	90	4
Eastern	240	2	50	2
London and South Eastern	1,220	11	150	7
Southern	390	3	50	2
South Western	1,180	11	280	13
Midland	3,060	27	600	28
North Western	4,170	37	820	39
Scotland	80	1	10	1
Total	11,220	100	2,120	100

Estimated tonnage outwards in 1962, analysed by destination and length of haul

Table 8e

Thousands

Destination	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	-	180	180
East and West Ridings	-	80	200	280
North Midland	10	100	310	420
Eastern	-	-	240	240
London and South Eastern	-	-	1,220	1,220
Southern	-	130	280	390
South Western	250	520	410	1,180
Midland	560	1,000	1,500	3,060
North Western	3,120	500	550	4,170
Scotland	-	-	80	80
All regions	3,940	2,330	4,950	11,220

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Estimated tonnage moved outwards from the region in 1962, analysed by commodity

Table 8f

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	650		6	
Manufactured	760		7	
Total		1,410		13
2. Crude materials				
Building minerals	2,270		21	
Other	490		4	
Total		2,760		25
3. Fuel				
Coal and coke	920		8	
Petroleum	140		1	
Total		1,060		9
4. Intermediate goods				
Building materials	760		7	
Chemicals, iron and steel products, other intermediate goods	3,380		30	
Total		4,140		37
5. Manufactures		1,480		13
6. Miscellaneous *		370		3
Total		11,220		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport into the region in 1962, analysed by region of origin

Table 8g

Origin	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	270	3	30	1
East and West Ridings	210	2	40	2
North Midland	480	5	80	4
Eastern	180	2	40	2
London and South Eastern	780	9	140	7
Southern	290	3	50	2
South Western	1,240	14	290	14
Midland	2,760	31	600	28
North Western	2,770	31	830	39
Scotland	40	-	10	1
Total	9,020	100	2,110	100

Estimated tonnage inwards in 1962, analysed by origin and length of haul

Table 8h

Thousands

Origin	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	130	140	270
East and West Ridings	-	30	180	210
North Midland	-	70	410	480
Eastern	-	-	180	180
London and South Eastern	-	-	780	780
Southern	-	90	200	290
South Western	480	400	360	1,240
Midland	550	1,090	1,120	2,760
North Western	1,080	770	920	2,770
Scotland	-	-	40	40
All regions	2,110	2,580	4,330	9,020

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Estimated tonnage moved into the region
in 1962, analysed by commodity

Table 81

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	520		6	
Manufactured	1,420		16	
Total		1,940		22
2. Crude materials				
Building minerals	590		6	
Other	930		10	
Total		1,520		16
3. Fuel				
Coal and coke	290		3	
Petroleum	430		5	
Total		720		8
4. Intermediate goods				
Building materials	870		10	
Chemicals, iron and steel products, other intermediate goods	1,800		20	
Total		2,670		30
5. Manufactures		1,670		19
6. Miscellaneous *		500		5
Total		9,020		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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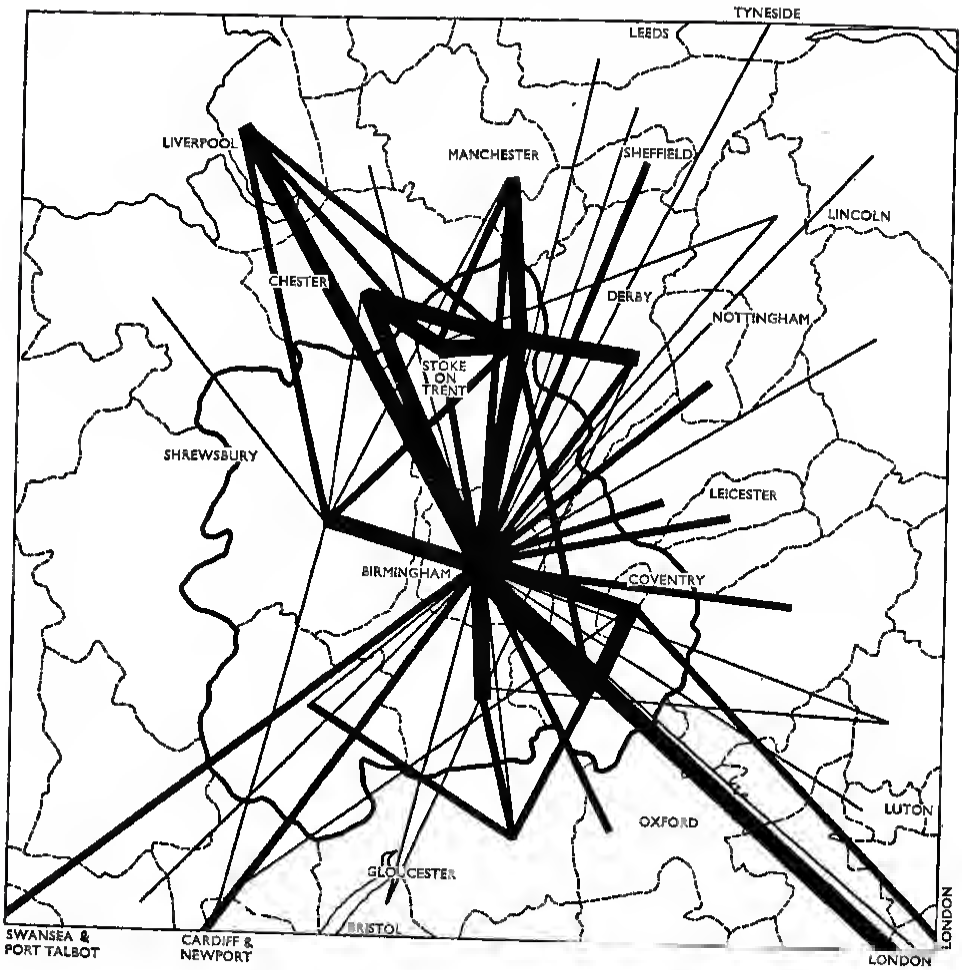
Region 9. Midland

Main flows by road within the region, and between the region and other parts of Great Britain in 1962.



Key

Tonnage moved aggregate of flow in both directions

Over	Not Over
¼ million	¼ million
½ million	1 million
1 million	

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Estimated transport by road in 1962: Summary Table

Table 9a

	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Transport within the region	106,540	66.4	118,910	90.4
Transport outwards	25,240	15.7	6,250	4.8
Transport inwards	28,750	17.9	6,250	4.8
Total	160,530	100.0	131,410	100.0

Estimated tonnage moved and journeys undertaken within the region in 1962, analysed by length of haul

Table 9b

Length of haul		Tonnage moved		Journeys made	
		Thousands	Per cent of total	Thousands	Per cent of total
Over	*Not over*				
-	24 miles	91,330	85.7	112,730	94.8
24 miles	49 miles	12,580	11.8	5,180	4.3
49 miles	99 miles	2,420	2.3	940	0.8
99 miles		210	0.2	60	0.1
All lengths		106,540	100.0	118,910	100.0

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Estimated tonnage moved within the region in 1962
analysed by commodity

Table 9c

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	8,210		8	
Manufactured	8,790		8	
Total		17,000		16
2. Crude materials				
Building minerals	23,860		22	
Other	4,910		4	
Total		28,770		26
3. Fuel				
Coal and coke	12,670		12	
Petroleum	7,120		7	
Total		19,790		19
4. Intermediate goods				
Building materials	11,310		11	
Chemicals, iron and steel products, other intermediate goods	11,410		11	
Total		22,720		22
5. Manufactures		9,280		9
6. Miscellaneous*		8,980		8
Total		106,540		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport outwards from the region in 1962, analysed by region of destination

Table 9d

Destination	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	620	2	120	2
East and West Ridings	1,460	6	370	6
North Midland	4,180	17	1,520	24
Eastern	1,350	5	290	5
London and South Eastern	3,040	12	580	9
Southern	1,280	5	280	4
South Western	2,430	10	730	12
Wales	2,760	11	600	10
North Western	7,840	31	1,730	28
Scotland	280	1	30	-
Total	25,240	100	6,250	100

Estimated tonnage outwards in 1962, analysed by destination and length of haul.

Table 9a

Thousands

Destination	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	110	510	620
East and West Ridings	150	540	770	1,460
North Midland	2,090	1,680	410	4,180
Eastern	140	570	640	1,350
London and South Eastern	-	470	2,570	3,040
Southern	150	550	580	1,280
South Western	630	1,190	610	2,430
Wales	550	1,090	1,120	2,760
North Western	4,230	2,660	950	7,840
Scotland	-	-	280	280
All regions	7,940	8,860	8,440	25,240

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Estimated tonnage moved outwards from the region in 1962, analysed by commodity

Table 9f

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	1,190		5	
Manufactured	1,990		8	
Total		3,180		13
2. Crude materials				
Building minerals	3,830		15	
Other	1,360		5	
Total		5,190		20
3. Fuel				
Coal and coke	1,730		7	
Petroleum	580		2	
Total		2,310		9
4. Intermediate goods				
Building materials	2,220		9	
Chemicals, iron and steel products, other intermediate goods	4,980		20	
Total		7,200		29
5. Manufactures		5,740		23
6. Miscellaneous*		1,620		6
Total		25,240		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport into the region in 1962, analysed by region of origin

Table 9g

Origin	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	920	3	120	2
East and West Ridings	2,050	7	350	5
North Midland	7,050	24	1,510	24
Eastern	1,730	6	300	5
London and South Eastern	2,690	9	570	9
Southern	1,320	5	280	4
South Western	2,740	10	740	12
Wales	3,060	11	600	10
North Western	6,910	24	1,740	28
Scotland	280	1	40	1
Total	28,750	100	6,250	100

Estimated tonnage inwards in 1962 analysed by origin and length of haul

Thousands

Table 9h

Origin	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	-	110	810	920
East and West Ridings	100	1,220	730	2,050
North Midland	3,070	3,280	700	7,050
Eastern	20	950	760	1,730
London and South Eastern	-	490	2,200	2,690
Southern	150	860	310	1,320
South Western	1,180	950	610	2,740
Wales	560	1,000	1,500	3,060
North Western	1,880	3,790	1,240	6,910
Scotland	-	-	280	280
All regions	6,960	12,650	9,140	28,750

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Estimated tonnage moved into the region in 1962, analysed by commodity

Table 91

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	1,810		8	
Manufactured	3,580		12	
Total		5,390		18
2. Crude materials				
Building minerals	2,690		9	
Other	2,030		7	
Total		4,720		16
3. Fuel				
Coal and coke	2,510		9	
Petroleum	1,170		4	
Total		3,680		13
4. Intermediate goods				
Building materials	2,810		10	
Chemicals, iron and steel products, other intermediate goods	6,090		21	
Total		8,900		31
5. Manufactures		4,740		17
6. Miscellaneous*		1,320		5
Total		28,750		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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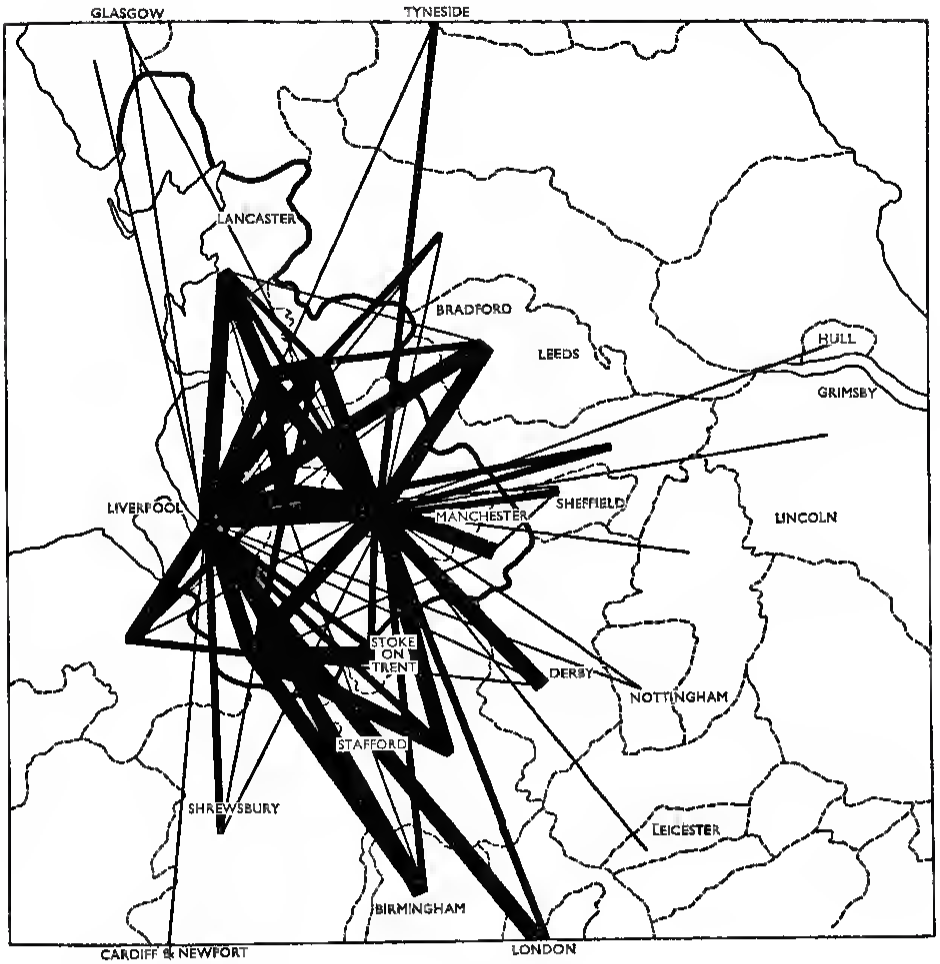
Region 10. North Western

Main flows by road within the region, and between the region and other parts of Great Britain in 1962.



Key

Tonnage moved: aggregate of flow in both directions

Over	Not Over	
¼ million	⅛ million	
½ million	1 million	
1 million		

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Estimated transport by road in 1962: Summary Table

Table 10a

	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Transport within the region	154,020	72.7	144,490	91.7
Transport outwards	27,280	12.9	6,520	4.1
Transport inwards	30,490	14.4	6,530	4.2
Total	211,790	100.0	157,540	100.0

Estimated tonnage moved and journeys undertaken within the region in 1962, analysed by length of haul

Table 10b

Length of haul		Tonnage moved		Journeys made	
		Thousands	Per cent of total	thousands	Per cent of total
Over	*Not Over*				
-	24 miles	125,170	81.3	133,450	92.3
24 miles	49 miles	23,280	15.1	9,390	6.5
49 miles	99 miles	5,320	3.4	1,570	1.1
99 miles		250	0.2	80	0.1
All lengths		154,020	100.0	144,490	100.0

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Estimated tonnage moved within the region
in 1962, analysed by commodity

Table 10c

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	15,190		10	
Manufactured	20,720		13	
Total		35,910		23
2. Crude materials				
Building minerals	27,610		18	
Other	12,460		8	
Total		40,070		26
3. Fuel				
Coal and coke	18,670		12	
Petroleum	8,120		5	
Total		26,790		17
4. Intermediate goods				
Building materials	14,740		10	
Chemicals, iron and steel products, other intermediate goods	10,320		7	
Total		25,060		17
5. Manufactures		15,440		10
6. Miscellaneous*		10,750		7
Total		154,020		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport outwards from the region in 1962, analysed by region of destination

Table 10d

Destination	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	2,230	8	470	7
East and West Ridings	6,490	24	1,800	27
North Midland	3,120	11	840	13
Eastern	730	3	110	2
London and South Eastern	2,510	9	370	6
Southern	410	2	80	1
South Western	580	2	90	1
Wales	2,770	10	830	13
Midland	6,910	25	1,740	27
Scotland	1,530	6	190	3
Total	27,280	100	6,520	100

Estimated tonnage outwards in 1962, analysed by destination and length of haul

Table 10e

Thousands

Destination	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	370	380	1,480	2,230
East and West Ridings	2,610	3,220	660	6,490
North Midland	360	1,680	1,080	3,120
Eastern	-	60	670	730
London and South Eastern	-	-	2,510	2,510
Southern	-	60	350	410
South Western	-	90	490	580
Wales	1,080	770	920	2,770
Midland	1,880	3,790	1,240	6,910
Scotland	-	50	1,480	1,530
All regions	6,300	10,100	10,880	27,280

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Estimated tonnage moved outwards from the region in 1962, analysed by commodity

Table 10f

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	2,020		8	
Manufactured	5,220		19	
Total		7,240		27
2. Crude materials				
Building minerals	2,270		8	
Other	1,990		7	
Total		4,260		15
3. Fuel				
Coal and coke	450		2	
Petroleum	1,780		6	
Total		2,230		8
4. Intermediate goods				
Building materials	1,540		6	
Chemicals, iron and steel products, other intermediate goods	5,150		19	
Total		6,690		25
5. Manufactures		5,080		19
6. Miscellaneous*		1,780		6
Total		27,280		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport into the region in 1962, analysed by region of origin

Table 10g

Origin	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	1,900	6	470	7
East and West Ridings	6,600	22	1,810	28
North Midland	5,050	16	860	13
Eastern	830	3	130	2
London and South Eastern	1,780	6	380	6
Southern	420	1	80	1
South Western	580	2	100	2
Wales	4,170	14	820	12
Midland	7,840	26	1,730	26
Scotland	1,320	4	170	3
Total	30,490	100	6,530	100

Estimated tonnage inwards in 1962, analysed by origin and length of haul

Table 10h

Thousands

Origin	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	360	390	1,150	1,900
East and West Ridings	3,040	2,890	670	6,600
North Midland	1,410	2,080	1,560	5,050
Eastern	-	40	790	830
London and South Eastern	-	-	1,780	1,780
Southern	-	40	380	420
South Western	-	80	500	580
Wales	3,120	500	550	4,170
Midland	4,230	2,660	950	7,840
Scotland	-	10	1,310	1,320
All regions	12,160	8,690	9,640	30,490

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Estimated tonnage moved into the region in 1962, analysed by commodity

Table 101

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	2,670		9	
Manufactured	2,560		8	
Total		5,230		17
2. Crude materials				
Building minerals	5,970		20	
Other	1,800		6	
Total		7,770		26
3. Fuel				
Coal and coke	3,540		12	
Petroleum	740		2	
Total		4,280		14
4. Intermediate goods				
Building materials	2,580		8	
Chemicals, iron and steel products, other intermediate goods	4,040		13	
Total		6,620		21
5. Manufactures		5,050		17
6. Miscellaneous*		1,540		5
Total		30,490		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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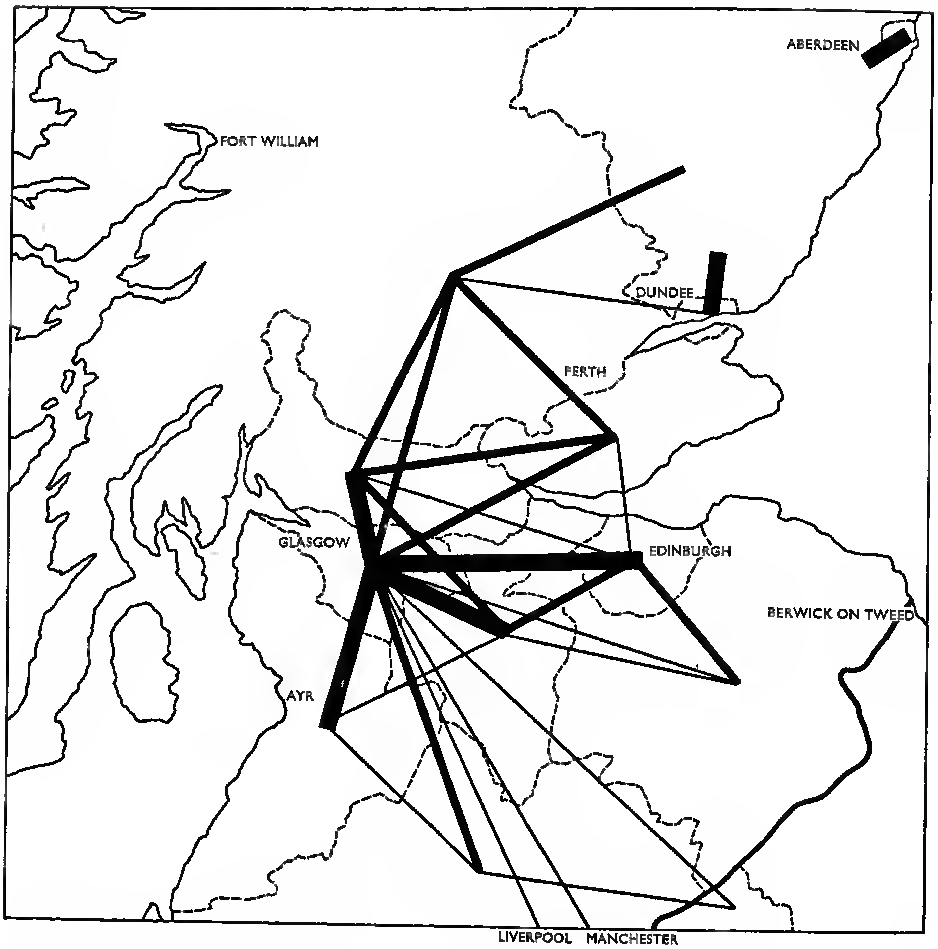
Region 11. Scotland

Main flows by road within the region, and between the region and other parts of Great Britain in 1962



Key

Tonnage moved: aggregate of flow in both directions

Over	Not Over
¼ million	¼ million
½ million	1 million
1 million	

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Estimated transport by road in 1962: Summary Table

Table 11a

	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Transport within the region	139,190	93.5	101,340	98.4
Transport outwards	4,370	2.9	790	0.8
Transport inwards	5,350	3.6	790	0.8
Total	148,910	100.0	102,920	100.0

Estimated tonnage moved and journeys undertaken within the region in 1962, analysed by length of haul

Table 11b

Length of haul		Tonnage moved		Journeys made	
		Thousands	Per cent of total	Thousands	Per cent of total
Over	*Not over*				
-	24 miles	106,650	76.6	91,310	90.1
24 miles	49 miles	22,550	16.2	7,520	7.4
49 miles	99 miles	7,560	5.4	2,020	2.0
99 miles		2,430	1.8	490	0.5
All lengths		139,190	100.0	101,340	100.0

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Estimated tonnage moved within the region
in 1962, analysed by commodity

Table 11c

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	14,120		10	
Manufactured	16,720		12	
Total		30,840		22
2. Crude materials				
Building minerals	33,360		24	
Other	11,230		8	
Total		44,590		32
3. Fuel				
Coal and coke	18,040		13	
Petroleum	4,930		4	
Total		22,970		17
4. Intermediate goods				
Building materials	12,360		9	
Chemicals, iron and steel products, other intermediate goods	5,950		4	
Total		18,310		13
5. Manufactures		8,830		6
6. Miscellaneous*		13,850		10
Total		139,190		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport outwards from the region in 1962, analysed by region of destination

Table 11d

Destination	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	1,410	32	370	47
East and West Ridings	460	11	80	10
North Midland	280	6	30	4
Eastern	80	2	10	1
London and South Eastern	370	9	60	8
Southern	60	1	10	1
South Western	70	2	10	1
Wales	40	1	10	1
Midland	280	6	40	5
North Western	1,320	30	170	22
Total	4,370	100	790	100

Estimated tonnage outwards in 1962, analysed by destination and length of haul

Table 11e

Thousands

Destination	Length of haul			Total
	Under 50 miles	50–99 miles	100 miles and over	
Northern	50	390	970	1,410
East and West Ridings	-	40	420	460
North Midland	-	-	280	280
Eastern	-	-	80	80
London and South Eastern	-	-	370	370
Southern	-	-	60	60
South Western	-	-	70	70
Wales	-	-	40	40
Midland	-	-	280	280
North Western	-	10	1,310	1,320
All regions	50	440	3,880	4,370

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Estimated tonnage moved outwards from the region in 1962, analysed by commodity

Table 11f

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	580		13	
Manufactured	520		12	
Total		1,100		25
2. Crude materials				
Building minerals	60		1	
Other	430		10	
Total		490		11
3. Fuel				
Coal and coke	20		1	
Petroleum	100		2	
Total		120		3
4. Intermediate goods				
Building materials	320		7	
Chemicals, iron and steel products, other intermediate goods	770		18	
Total		1,090		25
5. Manufactures		1,240		28
6. Miscellaneous*		330		8
Total		4,370		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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Estimated transport into the region in 1962, analysed by region of origin

Table 11g

Origin	Tonnage moved		Journeys made	
	Thousands	Per cent of total	Thousands	Per cent of total
Northern	2,080	39	360	46
East and West Ridings	450	8	60	8
North Midland	340	6	50	6
Eastern	140	3	20	3
London and South Eastern	400	7	50	6
Southern	20	-	10	1
South Western	30	1	10	1
Wales	80	2	10	1
Midland	280	5	30	4
North Western	1,530	29	190	24
Total	5,350	100	790	100

Estimated tonnage inwards in 1962, analysed by origin and length of haul

Table 11h

Thousands

Origin	Length of haul			Total
	Under 50 miles	50-99 miles	100 miles and over	
Northern	210	660	1,190	2,080
East and West Ridings	-	20	430	450
North Midland	-	-	340	340
Eastern	-	-	140	140
London and South Eastern	-	-	400	400
Southern	-	-	20	20
South Western	-	-	30	30
Wales	-	-	80	80
Midland	-	-	280	280
North Western	-	50	1,480	1,530
All regions	210	750	4,390	5,350

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Estimated tonnage moved into the region in 1962, analysed by commodity

Table 111

Commodity group	Tonnage moved (thousands)		Per cent of total	
1. Foodstuffs				
Raw	330		6	
Manufactured	560		11	
Total		890		17
2. Crude materials				
Building minerals	240		4	
Other	380		7	
Total		620		11
3. Fuel				
Coal and coke	120		2	
Petroleum	120		2	
Total		240		4
4. Intermediate goods				
Building materials	470		9	
Chemicals, iron and steel products, other intermediate goods	980		18	
Total		1,450		27
5. Manufactures		1,570		30
6. Miscellaneous*		580		11
Total		5,350		100

*Includes furniture removals, laundry, mixed and unallocable loads, carriage of empties.

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APPENDIX

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Estimated tons carried by road transport in 1962, analysed by length of haul and commodity

Table A

Millions

Commodity	Length of haul				Total
	Under 25 miles	25-49 miles	50-99 miles	100 miles and over	
Cereals	9.8	3.5	1.8	0.6	15.7
Fresh fruits, vegetables, nuts and flowers	22.8	4.8	3.5	3.3	34.4
Meat and poultry	7.7	2.1	1.1	1.4	12.3
Fish	2.1	0.6	0.3	0.8	3.6
Live animals	5.3	3.1	1.3	0.5	10.2
Dairy produce, eggs	36.3	7.7	3.5	1.2	48.7
Beverages	20.8	8.4	2.4	1.5	33.1
Flour	3.4	1.7	1.8	0.8	7.7
Animal feeding stuffs	18.5	5.0	4.1	1.2	28.8
Other foods; tobacco	43.3	14.4	9.5	6.0	73.1
Oil seeds, nuts and kernels; animal and vegetable oils and fats	0.7	0.6	0.5	0.3	2.1
Wood, timber and cork	14.8	5.3	2.9	1.8	24.8
Crude and manufactured fertilisers	5.7	2.2	1.2	0.9	10.0
Crude minerals other than ore	221.1	27.8	7.9	3.4	260.2
Iron ore and scrap iron	8.3	0.9	0.7	0.2	10.1
Non-ferrous metal ores	4.0	0.6	0.3	0.2	5.1
Textile fibres and waste	4.2	1.8	0.6	0.9	7.5
Other crude materials	12.8	2.0	1.6	1.2	17.6
Coal and coke	128.9	12.8	6.1	2.4	150.2
Petroleum and petroleum products; gas	30.3	14.4	8.5	2.1	55.3
Tars from coal and natural gas	4.1	1.2	0.2	-	5.5
Chemicals and plastic materials	12.6	5.2	3.8	4.2	25.8
Lime	3.5	1.9	0.6	0.4	6.4
Cement	5.8	5.2	3.1	1.4	15.5
Building materials	78.9	13.6	10.7	5.3	106.5
Iron and steel finished and semi-finished products	20.2	5.5	6.7	7.5	39.9
Non-ferrous metals	4.2	1.3	2.0	2.3	9.6
Metal manufactures	12.3	3.0	2.4	3.2	20.9
Electrical and non-electrical machinery; transport equipment	20.4	7.4	7.9	8.4	44.1
Miscellaneous manufactured articles	30.5	10.2	5.6	7.6	53.9
Furniture removals	2.1	0.2	0.3	0.3	2.9
Laundry and dry cleaning	1.8	1.2	0.2	-	3.2
Unallocable loads; mixed loads; carriage of empty containers	76.1	11.5	7.0	6.2	100.8
Total	873.3	187.1	110.1	77.5	1,248.0

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Estimated tons carried by public haulage vehicles in 1962, analysed by length of haul and commodity

Table B

Millions

Commodity	Length of haul				Total
	Under 25 miles	25-49 miles	50-99 miles	100 miles and over	
Cereals	3.1	1.2	1.4	0.6	6.3
Fresh fruits, vegetables, nuts and flowers	3.2	1.6	1.6	1.9	8.3
Meat and poultry	2.9	0.5	0.4	0.6	4.4
Fish	0.8	0.4	-	0.2	1.4
Live animals	4.6	3.0	1.2	0.5	9.3
Dairy produce, eggs	4.6	2.6	1.4	1.0	9.6
Beverages	1.8	1.2	0.3	0.6	3.9
Flour	1.0	0.2	0.4	0.2	1.8
Animal feeding stuffs	4.7	2.7	2.5	0.7	10.6
Other foods; tobacco	9.3	4.1	2.8	3.3	19.4
Oil seeds, nuts and kernels; animal and vegetable oils and fats	0.3	0.4	0.4	0.2	1.3
Wood, timber and cork	5.0	0.9	1.3	1.0	8.2
Crude and manufactured fertilisers	3.6	1.1	0.6	0.8	6.3
Crude minerals other than ore	100.0	15.2	5.1	2.7	122.9
Iron ore and scrap iron	3.6	0.5	0.4	0.2	4.7
Non-ferrous metal ores	0.8	0.3	0.2	0.1	1.4
Textile fibres and waste	2.1	0.6	0.4	0.5	3.6
Other crude materials	4.2	1.3	0.7	0.8	7.0
Coal and coke	55.7	8.6	4.6	2.1	71.0
Petroleum and petroleum products; gas	3.8	3.0	2.6	1.2	10.6
Tars from coal and natural gas	1.7	0.8	0.1	-	2.7
Chemicals and plastic meterials	4.7	2.3	2.3	2.9	12.2
Lime	2.8	0.8	-	0.2	3.7
Cement	1.3	0.6	1.0	1.1	4.0
Building materials	25.7	6.2	4.3	3.4	39.6
Iron and steel finished and semi-finished products	9.6	3.4	4.6	5.8	23.4
Non-ferrous metals	1.7	0.6	1.3	1.6	5.2
Metal manufactures	3.0	0.4	0.7	1.4	5.5
Electrical and non-electrical machinery; transport equipment	5.6	3.1	3.6	4.6	16.9
Miscellaneous manufactured articles	10.6	4.3	3.3	4.4	22.6
Furniture removals	1.9	0.2	0.3	0.3	2.7
Laundry and dry cleaning	-	-	-	-	-
Unallocable loads; mixed loads; carriage of empty containers	41.1	8.3	4.8	4.7	58.9
Total	324.9	80.4	54.6	49.7	509.5

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Estimated tons carried by 'C' licensed vehicles in 1962, analysed by length of haul and commodity

Table C

Millions

Commodity	Length of haul				Total
	Under 25 miles	25-49 miles	50-99 miles	100 miles and over	
Cereals	6.7	2.3	0.4	-	9.4
Fresh fruits, vegetables, nuts and flowers	19.6	3.2	1.9	1.4	26.1
Meat and poultry	4.8	1.6	0.7	0.8	7.9
Fish	1.3	0.2	0.3	0.6	2.4
Live animals	0.7	0.1	0.1	-	0.9
Dairy products, eggs	31.7	5.1	2.1	0.2	39.1
Beverages	19.0	7.2	2.1	0.9	29.2
Flour	2.4	1.5	1.4	0.6	5.9
Animal feeding stuffs	13.8	2.3	1.6	0.5	18.2
Other foods; tobacco	34.0	10.3	6.7	2.7	53.7
Oil seeds, nuts and kernels; animal and vegetable oils and fats	0.4	0.2	0.1	0.1	0.8
Wood, timber and cork	9.8	4.4	1.6	0.8	16.6
Crude and manufactured fertilisers	1.9	1.1	0.6	0.1	3.7
Crude minerals other than ore	121.1	12.6	2.8	0.7	137.3
Iron ore and scrap iron	4.7	0.4	0.3	-	5.4
Non-ferrous metal ores	3.2	0.3	0.1	0.1	3.7
Textile fibres and waste	2.1	1.2	0.2	0.4	3.9
Other crude materials	8.6	0.7	0.9	0.4	10.6
Coal and coke	73.2	4.2	1.5	0.3	79.2
Petroleum and petroleum products; gas	26.5	11.4	5.9	0.9	44.7
Tars from coal and natural gas	2.4	0.4	0.1	-	2.8
Chemicals and plastic materials	7.9	2.9	1.5	1.3	13.6
Lime	0.7	1.1	0.7	0.2	2.7
Cement	4.5	4.6	2.1	0.3	11.5
Building materials	53.2	7.4	6.4	1.9	68.9
Iron and steel finished and semi-finished products	10.6	2.1	2.1	1.7	16.5
Non-ferrous metals	2.5	0.7	0.7	0.7	4.6
Metal manufactures	9.3	2.6	1.7	1.8	15.4
Electrical and non-electrical machinery; transport equipment	14.8	4.3	4.3	3.8	27.2
Miscellaneous manufactured articles	19.9	5.9	2.3	3.2	31.3
Furniture removals	0.2	-	-	-	0.2
Laundry and dry cleaning	1.8	1.2	0.2	-	3.2
Unallocable loads; mixed loads; carriage of empty containers	35.0	3.1	2.2	1.5	41.9
Total	548.4	106.7	55.6	27.8	738.5

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Estimated tons carried by 'C' licensed vehicles
in various industries during 1962,
analysed by length of haul

Table D

Millions

S.I.C. Order	Industry	Length of haul: Under 25 miles	25-49 miles	50-99 miles	100 miles and over	Total
I & III	Agriculture and food processing industries	48.8	17.8	8.5	4.6	79.7
II	Mining and quarrying	44.3	5.7	1.9	0.4	52.3
IV	Chemicals and allied industries	15.6	5.8	3.2	2.6	27.2
V-IX	Metal manufacturing, engineering and electrical goods, vehicles, metal goods not elsewhere specified	23.3	5.5	5.4	6.7	40.9
XIII	Bricks, pottery, glass, etc.	39.8	8.2	7.0	2.0	57.0
X-XII) XIV-XVI)	Other manufacturing industries	19.6	5.0	2.5	2.8	29.9
XVII	Construction	87.2	6.5	2.1	1.1	96.9
XVIII,) XIX, XXI-) XXIV)	Utilities, transport, service industries	48.4	6.4	2.4	0.4	57.6
XX 810	Wholesale distribution	60.9	21.5	12.2	3.7	98.3
XX 820) & 830)	Retail distribution and general dealing	160.5	24.3	10.4	3.5	198.7
	Total	548.4	106.7	55.6	27.8	738.5

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